



Politecnico  
di Bari

# Calendario accademico corsi Scudo 2024/2025

|                                     |  |
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| <b>Course title</b>                 | Research Methodology   |
| <b>Lecturer</b>                     | Leonarda Carnimeo  |
| <b>Scientific Discipline Sector</b> | ING-IND/17   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 04/11/2024: 10.30-13:30<br>05/11/2024: 10.30-13:30<br>11/11/2024: 10.30-13:30<br>18/11/2024: 10.30-13:30<br>19/11/2024: 10.30-13:30<br>25/11/2024: 10.30-13:30<br>26/11/2024: 10.30-12:30<br>03/12/2024: 10.00 LABIT |
| <b>Room</b>                         | On-site / Microsoft Teams<br>Resecar Methodology-Scu.Do. prof. L. Carnimeo - <a href="mailto:leonarda.carnimeo@poliba.it">leonarda.carnimeo@poliba.it</a> - Office No.+39 0805963438   Generale   Microsoft Teams    |

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| <b>Course title</b>                 | Design and management of research projects   |
| <b>Lecturer</b>                     | Luigi Ranieri  |
| <b>Scientific Discipline Sector</b> | ING-IND/17   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 10/09/2025: 14.30-18:30<br>17/09/2025: 14.30-18:30<br>23/09/2025: 15.00-18:00<br>30/09/2025: 15.00-18:00<br>07/10/2025: 15.00-18:00<br>14/10/2025: 15.00-18:00 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Introduction to probability and statistical inference  |
| <b>Lecturer</b>                     | Erasmus Caponio  |
| <b>Scientific Discipline Sector</b> | MAT/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 25/03/2025: 16.00-18:00<br>01/04/2025: 16.00-18:00<br>08/04/2025: 16.00-18:00<br>15/04/2025: 16.00-18:00<br>22/04/2025: 16.00-18:00<br>29/04/2025: 16.00-18:00<br>06/05/2025: 16.00-18:00<br>13/05/2025: 16.00-18:00<br>20/05/2025: 16.00-18:00<br>27/05/2025: 16.00-18:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Introduction to probability and statistical inference   General   Microsoft Teams</a>   |

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|-------------------------------------|--|
| <b>Course title</b>                 | Introduction to Partial Differential Equations and Applications  |
| <b>Lecturer</b>                     | Alessio Pomponio   |
| <b>Scientific Discipline Sector</b> | MAT/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 03/03/2025: 8:30-11:00<br>05/03/2025: 8:30-11:00<br>07/03/2025: 8:30-11:00<br>10/03/2025: 8:30-11:00<br>12/03/2025: 8:30-11:00<br>14/03/2025: 8:30-11:00<br>17/03/2025: 8:30-11:00<br>19/03/2025: 8:30-11:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">2024/2025 - Introduction to Partial Differential Equations with Applications   Generale   Microsoft Teams</a>   |

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| <b>Course title</b>                 | AI and creativity  |
| <b>Lecturer</b>                     | Ilaria Cavaliere   |
| <b>Scientific Discipline Sector</b> | ICAR/14  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative<br/>Calendar</b>       | 16/01/2024: 15:30-18:00<br>23/01/2024: 15:30-18:00<br>30/01/2024: 15:30-18:00<br>06/02/2024: 15:30-18:00<br>13/02/2024: 15:30-18:00<br>20/02/2024: 15:30-18:00<br>27/02/2024: 15:30-18:00<br>06/03/2024: 15:30-18:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">AI and creativity ScuDO   Generale   Microsoft Teams</a>  |

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|-------------------------------------|---|
| <b>Course title</b>                 | How to build an ontology that lasts for design matters: Theory  |
| <b>Lecturer</b>                     | Borgo Stefano   |
| <b>Scientific Discipline Sector</b> | ICAR/20   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | 10/06/2025: 10.00-13.00<br>11/06/2025: 10.00-13.00<br>12/06/2025: 10.00-13.00<br>13/06/2025: 10.00-13.00<br>16/06/2025: 10.00-13.00<br>17/06/2025: 10:00-13:00<br>18/06/2025: 10.00-12.00 |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|--|
| <b>Course title</b>                 | Gender studies   |
| <b>Lecturer</b>                     | Chiara De Santis, Floriana Bernardi  |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 14/04/2025: 10:00-12:00<br>28/04/2025: 09:30-12:30<br>12/05/2025: 09:30-12:30<br>19/05/2025: 09:30-12:30<br>26/05/2025: 09:30-12:30<br>05/09/2025: 09:30-12:30<br>24/09/2025: 15:30-18:30<br>29/09/2025: 09:30-12:30   |
| <b>Room</b>                         | On-site<br>We would be pleased to learn about your interest in this course before its start, so feel free to write us an email with your name and surname and area of study (Architecture, Design, Engineering,...). Thank you!<br><a href="mailto:florianabernardi@gmail.com">florianabernardi@gmail.com</a> ; <a href="mailto:chiara.desantis@poliba.it">chiara.desantis@poliba.it</a> |



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|-------------------------------------|--|
| <b>Course title</b>                 | Nuclear Techniques and Innovative Sensors for medical applications     |
| <b>Lecturer</b>                     | Pugliese Gabriella Maria Incoronata                                    |
| <b>Scientific Discipline Sector</b> | FIS01/FIS07  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 14/02/2025<br>2 ore a settimana (venerdì mattina o giovedì pomeriggio) |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Physical Layer Security for wireless communication   |
| <b>Lecturer</b>                     | Giovanna Calò  |
| <b>Scientific Discipline Sector</b> | ING-INF/02   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 07/05/2025: 9:00-11:30<br>09/05/2025: 9:00-11:30<br>12/05/2025: 9:00-11:30<br>14/05/2025: 9:00-11:30<br>16/05/2025: 9:00-11:30<br>19/05/2025: 9:00-11:30<br>21/05/2025: 9:00-11:30<br>23/05/2025: 9:00-11:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Physical layer security for wireless communication 2024-25   Generale   Microsoft Teams</a>   |

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|-------------------------------------|---|
| <b>Course title</b>                 | Advanced Fiber Optic Technologies for Biosensing  |
| <b>Lecturer</b>                     | Nabarun Saha  |
| <b>Scientific Discipline Sector</b> | ING-INF/01  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 08/11/2024: 4 ore<br>15/11/2024: 4 ore<br>22/11/2024: 4 ore<br>29/11/2024: 4 ore<br>06/12/2024: 4 ore |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|---|
| <b>Course title</b>                 | Fundamentals of Radio Localization and Sensing  |
| <b>Lecturer</b>                     | Alessio Fascista  |
| <b>Scientific Discipline Sector</b> | ING-INF/03  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 31/10/2024: 10:00-13:00<br>14/11/2024: 10:00-13:00<br>21/11/2024: 10:00-13:00<br>28/11/2024: 10:00-13:00<br>05/12/2024: 10:00-13:00<br>12/12/2024: 10:00-13:00<br>19/12/2024: 10:00-13:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">PhD Course: Fundamentals of Radio Localization and Sensing (A.A. 24/25)   Generale   Microsoft Teams</a>   |

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|-------------------------------------|---|
| <b>Course title</b>                 | Materials for the ecological transition   |
| <b>Lecturer</b>                     | Biagia Musio  |
| <b>Scientific Discipline Sector</b> | CHIM/07   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 03/02/2025: 10:00-12:00<br>07/02/2025: 10:00-12:00<br>10/02/2025: 10:00-12:00<br>14/02/2025: 10:00-12:00<br>17/02/2025: 10:00-12:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Materials for the ecological transition   Generale   Microsoft Teams</a>                             |

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| <b>Course title</b>                 | Statistical methods for climate change detection and nonstationary probabilistic modeling  |
| <b>Lecturer</b>                     | Vincenzo Totaro  |
| <b>Scientific Discipline Sector</b> | ICAR/02  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 26/11/2024: 09:30-13:30<br>28/11/2024: 09:30-13:30<br>03/12/2024: 09:30-13:30<br>05/12/2024: 09:30-13:30<br>10/12/2024: 09:30-13:30  |
| <b>Room</b>                         | On-site Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AtuGFpljptMBBs9CbNNTzwOWDL2L5rlvo4RZMjG4oeo1%40thread.tacv2/conversations?groupId=5f2abb3b-db1c-4824-b49d-ac1931f8393b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332ac1931f8393b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AtuGFpljptMBBs9CbNNTzwOWDL2L5rlvo4RZMjG4oeo1%40thread.tacv2/conversations?groupId=5f2abb3b-db1c-4824-b49d-ac1931f8393b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332ac1931f8393b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Mathematical models for transportation systems                                |
| <b>Lecturer</b>                     | Aleksandra Colovic  |
| <b>Scientific Discipline Sector</b> | ICAR/05   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | 08/04/2025: 10:00-13:00<br>11/04/2025: 09:00-13:00<br>15/04/2025: 10:00-13:00 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Sustainable Mobility and Shared Mobility in a Smart Cities framework: optimization models and applications |
| <b>Lecturer</b>                     | Luigi Pio Prencipe   |
| <b>Scientific Discipline Sector</b> | ICAR/05  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 16/09/2025: 09:00-13:00<br>18/09/2025: 09:00-12:00<br>23/09/2025: 09:00-12:00                              |
| <b>Room</b>                         | On-site  |



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|-------------------------------------|---|
| <b>Course title</b>                 | Adaptive Building Technologies for the Mitigation of Local and Global Climate Change  |
| <b>Lecturer</b>                     | Francesco Carlucci  |
| <b>Scientific Discipline Sector</b> | ICAR/10   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 15/01/2025: 14:30-17:30<br>17/01/2025: 14:30-17:30<br>22/01/2025: 14:30-17:30<br>24/01/2025: 14:30-17:30<br>29/01/2025: 14:30-17:30<br>31/01/2025: 14:30-17:30<br>05/02/2025: 14:30-16:30 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Adaptive Building Technologies for the Mitigation of Local and Global Climate Change   2024-2025   Generale   Microsoft Teams</a>                |

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|-------------------------------------|---|
| <b>Course title</b>                 | Research in Architecture and Engineering Aided by Information Models: From BIM to Digital Twin for the Built Environment.   |
| <b>Lecturer</b>                     | Silvana Bruno   |
| <b>Scientific Discipline Sector</b> | ICAR/11   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | 07/07/2025: 16:00-18:00<br>08/07/2025: 16:00-18:00<br>14/07/2025: 16:00-18:00<br>15/07/2025: 15:00-19:00  |
| <b>Room</b>                         | On-site/Microsoft Teams<br><a href="#">PhD course Research in Architecture and Engineering Aided by Information Models: From BIM to Digital Twin for the Built Environment (1 CFU)   Generale   Microsoft Teams</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Analysis and representation techniques for building research   |
| <b>Lecturer</b>                     | Antonella Musicco  |
| <b>Scientific Discipline Sector</b> | ICAR/17  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 17/03/2025: 15:00-18:00<br>19/03/2025: 15:00-18:00<br>24/03/2025: 14:30-18:30  |
| <b>Room</b>                         | On-site/Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3AgU7uMaSh2kUDZZuzc7FGAYAEWCjgmADa7vklIEANgWs1%40thread.tacv2/?groupId=3acb18b8-93ca-4927-9afb-83871446a0a4&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3AgU7uMaSh2kUDZZuzc7FGAYAEWCjgmADa7vklIEANgWs1%40thread.tacv2/?groupId=3acb18b8-93ca-4927-9afb-83871446a0a4&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Complex knowledge management and intelligent systems for land and environmental engineering |
| <b>Lecturer</b>                     | Mauro Patano  |
| <b>Scientific Discipline Sector</b> | ICAR/20   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 03/02/2025: 9:00-12:00<br>06/02/2025: 9:00-12:00<br>10/02/2025: 9:00-13:00                  |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|--|
| <b>Course title</b>                 | Multiscale models for materials science  |
| <b>Lecturer</b>                     | Giuseppe Florio  |
| <b>Scientific Discipline Sector</b> | MAT/07   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 26/11/2024: 08:30-11:00<br>28/11/2024: 08:30-11:00<br>03/12/2024: 08:30-11:00<br>05/12/2024: 08:30-11:00<br>10/12/2024: 08:30-11:00<br>12/12/2024: 08:30-11:00<br>17/12/2024: 08:30-11:00<br>19/12/2024: 08:30-11:00 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|---|
| <b>Course title</b>                 | Numerical and experimental modelling of heat transfer   |
| <b>Lecturer</b>                     | Aminhossein Jahanbin  |
| <b>Scientific Discipline Sector</b> | CHIM/07   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | <p>29/04/2025: 11:00-13:00</p> <p>02/05/2025: 11:00-13:00</p> <p>02/05/2025: 14:00-16:00</p> <p>06/05/2025: 10:00-13:00</p> <p>09/05/2025: 11:00-13:00</p> <p>09/05/2025: 14:00-16:00</p> <p>13/05/2025: 10:00-13:00</p> <p>16/05/2025: 11:00-13:00</p> <p>16/05/2025: 14:00-16:00</p>  |
| <b>Room</b>                         | <p>Microsoft Teams</p> <p><a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzhhM2NhMTktNjliMS00YTQ0LWEz-MjAtMWI2ZGQzZjI5ZTI5%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%22d557a644-00b6-482f-89ba-e3e492ef7733%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzhhM2NhMTktNjliMS00YTQ0LWEz-MjAtMWI2ZGQzZjI5ZTI5%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%22d557a644-00b6-482f-89ba-e3e492ef7733%22%7d</a></p> |

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| <b>Course title</b>                 | Construction safety: administrative aspects Modulo B |
| <b>Lecturer</b>                     | Roberto Scaravaglione                                |
| <b>Scientific Discipline Sector</b> | ICAR/08, IUS/17                                      |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)                                      |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | Primo semestre                                       |
| <b>Room</b>                         | On site  |

|                                     |  |
|-------------------------------------|--|
| <b>Course title</b>                 | Innovative devices for seismic risk protection   |
| <b>Lecturer</b>                     | Dora Foti  |
| <b>Scientific Discipline Sector</b> | ICAR/09  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 25/03/2025: 09:00-13:00<br>26/03/2025: 09:00-13:00<br>27/03/2025: 09:00-11:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3A_8esiytw70yAED0oir-bQStSmBQVzrM4rt9xBPHjvPhY1%40thread.tacv2/conversations?groupId=6d85cd88-4e37-4b94-b6c3-0cccb63255cf&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3A_8esiytw70yAED0oir-bQStSmBQVzrM4rt9xBPHjvPhY1%40thread.tacv2/conversations?groupId=6d85cd88-4e37-4b94-b6c3-0cccb63255cf&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |



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|-------------------------------------|--|
| <b>Course title</b>                 | Deep Reinforcement Learning for Control of Autonomous Systems  |
| <b>Lecturer</b>                     | Gaetano Volpe  |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 08/04/2025: 09:30-12:00<br>10/04/2025: 09:30-12:00<br>15/04/2025: 09:30-12:00<br>17/04/2025: 09:30-12:00     |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://forms.office.com/e/RimBHjmUQu">https://forms.office.com/e/RimBHjmUQu</a> |

|                                     |  |
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| <b>Course title</b>                 | Simulation Systems for Engineering Applications  |
| <b>Lecturer</b>                     | Raffaele Carli   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 19/05/2025: 10:00-12:00<br>21/05/2025: 10:00-12:00<br>23/05/2025: 10:00-12:00<br>26/05/2025: 10:00-12:00<br>28/05/2025: 10:00-12:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://politecnicobari-my.sharepoint.com/:x/g/person/raffaele_carli_poliba_it/ESupBlbgEdZlqQcBDiK2c4wBRtV-Hp20MBwL4tXniLXtxg?e=1K5hmi">https://politecnicobari-my.sharepoint.com/:x/g/person/raffaele_carli_poliba_it/ESupBlbgEdZlqQcBDiK2c4wBRtV-Hp20MBwL4tXniLXtxg?e=1K5hmi</a> |

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| <b>Course title</b>                 | Simulation, optimization, and management of smart energy systems   |
| <b>Lecturer</b>                     | Michele Roccotelli   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 16/09/2025: 10:00-12:30<br>17/09/2025: 10:00-12:30<br>18/09/2025: 10:00-12:30<br>19/09/2025: 10:00-12:30   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3Ad7zlljn4E5jgGyEuU7vswR19cPbAMzv4KkoXHPacSm41%40thread.tacv2/?groupId=7c9e738e-1d6b-4102-a0ec-4fe7aaf5f9e6&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3Ad7zlljn4E5jgGyEuU7vswR19cPbAMzv4KkoXHPacSm41%40thread.tacv2/?groupId=7c9e738e-1d6b-4102-a0ec-4fe7aaf5f9e6&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Modeling and simulation of biosystems  |
| <b>Lecturer</b>                     | Alessandro Borri   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 13/01/2025: 14:30-16:30<br>14/01/2025: 14:30-16:30<br>15/01/2025: 14:30-16:30<br>16/01/2025: 14:30-16:30<br>17/01/2025: 14:30-16:30<br>20/01/2025: 14:30-16:30<br>21/01/2025: 14:30-16:30<br>22/01/2025: 14:30-16:30<br>23/01/2025: 14:30-16:30<br>24/01/2025: 14:30-16:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://forms.gle/DpUMKzm6uwqwevz98">https://forms.gle/DpUMKzm6uwqwevz98</a>   |

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| <b>Course title</b>                 | Dynamical stochastic models of biological systems  |
| <b>Lecturer</b>                     | Pasquale Palumbo   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 05/02/2025: 10:30-13:30<br>07/02/2025: 10:30-12:30<br>12/02/2025: 10:30-13:30<br>14/02/2025: 10:30-12:30   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://docs.google.com/forms/d/e/1FAIpQLSd27Ptc8F6qVhM8_q71pmQbdctEAX_Y_SBr-guaNUjD7tov3Quw/viewform?vc=0&amp;c=0&amp;w=1&amp;flr=0&amp;usp=mail_form_link">https://docs.google.com/forms/d/e/1FAIpQLSd27Ptc8F6qVhM8_q71pmQbdctEAX_Y_SBr-guaNUjD7tov3Quw/viewform?vc=0&amp;c=0&amp;w=1&amp;flr=0&amp;usp=mail_form_link</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Optimal control for climate change and air quality  |
| <b>Lecturer</b>                     | Claudio Carnevale   |
| <b>Scientific Discipline Sector</b> | ING-INF/04  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | 09/06/2025: 09:00-12:00<br>11/06/2025: 09:00-12:00<br>13/06/2025: 09:00-12:00<br>16/06/2025: 09:00-12:00<br>18/06/2025: 09:00-12:00<br>20/06/2025: 09:00-12:00<br>23/06/2025: 09:00-11:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://forms.gle/DsvgeSb7A6hNK1xX6">https://forms.gle/DsvgeSb7A6hNK1xX6</a>  |

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| <b>Course title</b>                 | A user- centered approach to Ergonomics assessment in the Industry 5.0 paradigm  |
| <b>Lecturer</b>                     | Vito Modesto Manghisi  |
| <b>Scientific Discipline Sector</b> | ING-IND/15   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 12/06/2025: 10:00-13:00<br>17/06/2025: 10:00-13:00<br>19/06/2025: 10:00-13:00<br>24/06/2025: 10:00-13:00<br>02/07/2025: 10:00-13:00<br>08/07/2025: 10:00-13:00<br>10/07/2025: 15:00-17:00  |
| <b>Room</b>                         | On-site/Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3AjV8ul-SoqGdcOwQBy8WhYdes-64yd6-qLoCOPSYk-wor01%40thread.tacv2/?groupId=447647fd-5820-406c-bf8e-4e9c2579ac03&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3AjV8ul-SoqGdcOwQBy8WhYdes-64yd6-qLoCOPSYk-wor01%40thread.tacv2/?groupId=447647fd-5820-406c-bf8e-4e9c2579ac03&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Metaverse Integration for Digital Transformation of industry   |
| <b>Lecturer</b>                     | Alessandro Evangelista   |
| <b>Scientific Discipline Sector</b> | ING-IND/15   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 03/06/2025: 09:00-12:00<br>10/06/2025: 09:00-11:00<br>17/06/2025: 09:00-12:00<br>24/06/2025: 09:00-12:00<br>01/09/2025: 09:00-12:00<br>08/09/2025: 09:00-12:00<br>15/09/2025: 09:00-12:00  |
| <b>Room</b>                         | On-site/Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3ASdr8WUg-leeS69yOB1x_qwUsfEh3H_8knFHYJfwecyU1%40thread.tacv2/conversations?groupId=0858318d-bd5c-467c-bb90-f742bd840cf9&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3ASdr8WUg-leeS69yOB1x_qwUsfEh3H_8knFHYJfwecyU1%40thread.tacv2/conversations?groupId=0858318d-bd5c-467c-bb90-f742bd840cf9&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |



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|-------------------------------------|--|
| <b>Course title</b>                 | Basic concepts on elliptic equations   |
| <b>Lecturer</b>                     | Pietro D'Avenia  |
| <b>Scientific Discipline Sector</b> | MAT/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 18/03/2025<br>21/03/2025<br>25/03/2025<br>28/03/2025<br>01/04/2025<br>04/04/2025<br>08/04/2025<br>11/04/2025 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Basic concepts on elliptic equations 2025   Generale   Microsoft Teams</a>    |

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| <b>Course title</b>                 | Mathematical methods in deep learning  |
| <b>Lecturer</b>                     | Gianluca Orlando   |
| <b>Scientific Discipline Sector</b> | MAT/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 13/01/2025: 14:30-16:30<br>15/01/2025: 14:30-16:30<br>20/01/2025: 14:30-16:30<br>22/01/2025: 14:30-16:30<br>27/01/2025: 14:30-16:30<br>29/01/2025: 14:30-16:30<br>03/02/2025: 14:30-16:30<br>05/02/2025: 14:30-16:30<br>10/02/2025: 14:30-16:30<br>12/02/2025: 14:30-16:30 |
| <b>Room</b>                         | On-site Aula 13 / Microsoft Teams  |

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| <b>Course title</b>                 | Smart sustainable manufacturing  |
| <b>Lecturer</b>                     | Michele Dassisti   |
| <b>Scientific Discipline Sector</b> | ING-IND/16   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 07/07/2025: 11:00-13:00<br>14/07/2025: 10:00-14:00<br>28/07/2025: 10:00-14:00<br>17/09/2025: 10:00-14:00<br>22/09/2025: 10:00-14:00<br>29/09/2025: 11:00-13:00   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AEesx_509kXi1SvirCN7ZMm0fgap8_qHuwKXzDfviiUg1%40thread.tacv2/conversations?groupId=f6f0bdfd-f105-47d0-9afb4e5b3cb89a3a&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AEesx_509kXi1SvirCN7ZMm0fgap8_qHuwKXzDfviiUg1%40thread.tacv2/conversations?groupId=f6f0bdfd-f105-47d0-9afb4e5b3cb89a3a&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Technological changes and transition perspective   |
| <b>Lecturer</b>                     | Vito Albino  |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 12/06/2025: 09:00-14:00<br>13/06/2025: 09:00-14:00<br>19/06/2025: 09:00-14:00<br>20/06/2025: 09:00-14:00 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Business models for circular supply chains   |
| <b>Lecturer</b>                     | Giovanni Francesco Massari   |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 16/06/2025: 3 ore<br>20/06/2025: 3 ore<br>23/06/2025: 3 ore<br>27/06/2025: 3 ore<br>30/06/2025: 3 ore<br>04/07/2025: 3 ore<br>07/07/2025: 3 ore                      |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Corso Scudo "Business models for circular supply chains" (Docente: Prof. Giovanni Francesco Massari)   Generale   Microsoft Teams</a> |

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| <b>Course title</b>                 | Exploring latest cybersecurity technologies and trends  |
| <b>Lecturer</b>                     | Ilaria Cianci   |
| <b>Scientific Discipline Sector</b> | ING-INF/03  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 11/02/2025: 09:00-12:00<br>13/02/2025: 09:00-12:00<br>18/02/2025: 09:00-12:00<br>20/02/2025: 09:00-12:00<br>25/02/2025: 09:00-12:00<br>27/02/2025: 09:00-12:00<br>28/02/2025: 09:00-11:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Exploring latest cybersecurity technologies and trends - SCUDO 24-25   Generale   Microsoft Teams</a>  |

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| <b>Course title</b>                 | Management of future telecommunication systems via pervasive intelligence  |
| <b>Lecturer</b>                     | Arcangela Rago   |
| <b>Scientific Discipline Sector</b> | ING-INF/03   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 15/01/2025: 15:30-19:00<br>17/01/2025: 15:30-18:30<br>28/01/2025: 15:30-19:00<br>30/01/2025: 15:30-19:00<br>04/02/2025: 15:30-19:00<br>06/02/2025: 15:30-18:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">SCUDO "Management of Future Telecommunication Systems via Pervasive Intelligence" AA 2024/2025   Generale   Microsoft Teams</a> |

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| <b>Course title</b>                 | Introduction to the Simplex Method   |
| <b>Lecturer</b>                     | del Cacho Estil-les Maria Asunciòn   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 20/05/2025<br>22/05/2025<br>27/05/2025<br>29/05/2025<br>04/06/2025   |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">SCUDO - Introduction to the Simplex Method   Generale   Microsoft Teams</a> |



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| <b>Course title</b>                 | Deep learning  |
| <b>Lecturer</b>                     | Vito Walter Anelli   |
| <b>Scientific Discipline Sector</b> | ING-INF/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 11/02/2025: 09:00-14:00<br>13/02/2025: 09:00-14:00<br>18/02/2025: 09:00-14:00<br>20/02/2025: 09:00-14:00 |
| <b>Room</b>                         | On-Site / Microsoft Teams<br>Room 14, Z-shaped Building<br>Deep Learning ScuDo Poliba 2025               |

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| <b>Course title</b>                 | Machine learning   |
| <b>Lecturer</b>                     | Antonio Ferrara  |
| <b>Scientific Discipline Sector</b> | ING-INF/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 29/01/2025: 09:00-14:00<br>31/01/2025: 09:00-14:00<br>04/02/2025: 09:00-14:00<br>06/02/2025: 09:00-14:00 |
| <b>Room</b>                         | Microsoft Teams<br>Machine Learning (ScuDo 2024/2025)  |

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|-------------------------------------|---|
| <b>Course title</b>                 | Innovative and recyclable methods and materials for Engineering applications  |
| <b>Lecturer</b>                     | Vincenzo Fazio  |
| <b>Scientific Discipline Sector</b> | MAT/07  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 04/03/2025: 14:30-17:00<br>06/03/2025: 14:30-17:00<br>11/03/2025: 14:30-17:00<br>13/03/2025: 14:30-17:00<br>18/03/2025: 14:30-17:00<br>20/03/2025: 14:30-17:00<br>25/03/2025: 14:30-17:00<br>27/03/2025: 14:30-17:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br>D2 DICATECH (ex geotecnica)<br><a href="https://teams.microsoft.com/l/team/19%3AqCmvNX62vP7sk88ZjfTivOO-kERzLe9rNSxiHxogTlE1%40thread.tacv2/conversations?groupId=0e252758-3dec-42d1-9a04-3ae07b206581&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AqCmvNX62vP7sk88ZjfTivOO-kERzLe9rNSxiHxogTlE1%40thread.tacv2/conversations?groupId=0e252758-3dec-42d1-9a04-3ae07b206581&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Advanced Transportation Accessibility-Equity Assessment   |
| <b>Lecturer</b>                     | Nadia Giuffrida   |
| <b>Scientific Discipline Sector</b> | ICAR/05   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 12/12/2024: 09:00-14:00<br>13/12/2024: 09:00-14:00<br>16/12/2024: 09:00-14:00<br>17/12/2024: 09:00-14:00                |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Advanced Transportation Accessibility-Equity Assessment   Generale   Microsoft Teams</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Complex Network Theory: Theory, Methods and Applications   |
| <b>Lecturer</b>                     | Antonietta Simone  |
| <b>Scientific Discipline Sector</b> | ICAR/02  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 04/04/2025: 09:00-13:00<br>08/04/2025: 09:00-13:00<br>09/04/2025: 09:00-13:00<br>11/04/2025: 09:00-13:00<br>15/04/2025: 09:00-13:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3AxGx4tbfrQoaggDQdh6qWudo1ufQz5YD6fEf0DgY5mOk1%40thread.tacv2/General?groupId=34747704-d53f-463e-bff7-fc25455e0198&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3AxGx4tbfrQoaggDQdh6qWudo1ufQz5YD6fEf0DgY5mOk1%40thread.tacv2/General?groupId=34747704-d53f-463e-bff7-fc25455e0198&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | IoT Technologies for Digital Transition   |
| <b>Lecturer</b>                     | Rashid Adnan  |
| <b>Scientific Discipline Sector</b> | ING-INF/03  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 20/03/2025: 10:00-14:00<br>21/03/2025: 09:00-13:00<br>26/03/2025: 09:00-13:00<br>27/03/2025: 09:00-13:00<br>28/03/2025: 09:00-13:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">IoT Technologies for Digital Transition 2024-25   General   Microsoft Teams</a>                      |

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| <b>Course title</b>                 | Generative Algorithms: digital tools for parametric design and assessment of structures  |
| <b>Lecturer</b>                     | Saverio Spadea   |
| <b>Scientific Discipline Sector</b> | ICAR/09  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 09/12/2024: 15:00-17:40<br>11/12/2024: 15:00-17:40<br>16/12/2024: 15:00-17:40<br>18/12/2024: 15:00-17:40<br>07/01/2025: 15:00-17:40<br>08/01/2025: 15:00-17:00<br>09/01/2025: 15:00-17:40<br>10/01/2025: 15:00-17:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Generative Algorithms: digital tools for parametric design and assessment of structures   Generale   Microsoft Teams</a>  |

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|-------------------------------------|---|
| <b>Course title</b>                 | Design for Historical and Contemporary Heritage Landscapes  |
| <b>Lecturer</b>                     | Nicola Scardigno  |
| <b>Scientific Discipline Sector</b> | ICAR/14   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 26/03/2025: 14:30-16:30<br>02/04/2025: 14:30-18:30<br>09/04/2025: 14:30-16:30<br>16/04/2025: 14:30-16:30<br>30/04/2025: 14:30-16:30<br>07/05/2025: 14:30-18:30<br>14/05/2025: 14:30-18:30 |
| <b>Room</b>                         | On-site presso il Dipartimento ARCOD  |



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| <b>Course title</b>                 | Theories and methods of design for the Antique   |
| <b>Lecturer</b>                     | Antonio Nitti  |
| <b>Scientific Discipline Sector</b> | ICAR/14  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 04/03/2025: 09:30-11:30<br>11/03/2025: 09:30-11:30<br>18/03/2025: 09:30-11:30<br>25/03/2025: 09:30-11:30<br>01/04/2025: 09:30-11:30<br>08/04/2025: 09:30-11:30<br>15/04/2025: 09:30-11:30<br>22/04/2025: 09:30-11:30<br>29/04/2025: 09:30-11:30<br>06/05/2025: 09:30-11:30 |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | Historical research and study of the Ancient architecture   |
| <b>Lecturer</b>                     | Antonio Fino  |
| <b>Scientific Discipline Sector</b> | ICAR/18-L- ANT/07   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /First  |
| <b>Tentative Calendar</b>           | 04/02/2025: 09:30-12:30<br>05/02/2025: 09:30-12:30<br>07/02/2025: 09:30-12:30<br>11/02/2025: 09:30-12:30<br>12/02/2025: 09:30-12:30<br>14/02/2025: 09:30-12:30<br>18/02/2025: 09:30-11:30 |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|---|
| <b>Course title</b>                 | Problems and methods of contemporary restoration  |
| <b>Lecturer</b>                     | Rossella De Cadilhac  |
| <b>Scientific Discipline Sector</b> | ICAR/19   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | 10/06/2025: 16:00-19:00<br>17/06/2025: 16:00-19:00<br>24/06/2025: 16:00-19:00<br>01/07/2025: 16:00-19:00<br>08/07/2025: 16:00-19:00<br>15/07/2025: 16:00-18:30<br>22/07/2025: 16:00-18:30 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Theories and techniques of the project for the fragile cities and territories  |
| <b>Lecturer</b>                     | Giuseppe Tupputi   |
| <b>Scientific Discipline Sector</b> | ICAR/14  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 14/03/2025: 16:00-18:30<br>21/03/2025: 16:00-18:30<br>25/03/2025: 16:00-18:30<br>28/03/2025: 16:00-18:30<br>04/04/2025: 16:00-18:30<br>08/04/2025: 16:00-18:30<br>11/04/2025: 16:00-18:30<br>18/04/2025: 16:00-18:30 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Stereotomic Design. New frontiers of stone architecture  |
| <b>Lecturer</b>                     | Ilaria Cavaliere   |
| <b>Scientific Discipline Sector</b> | ICAR/14  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 14/01/2024: 15:30-18:00<br>21/01/2024: 15:30-18:00<br>28/01/2024: 15:30-18:00<br>04/02/2024: 15:30-18:00<br>11/02/2024: 15:30-18:00<br>18/02/2024: 15:30-18:00<br>25/02/2024: 15:30-18:00<br>04/03/2024: 15:30-18:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Stereotomic Design ScuDO   Generale   Microsoft Teams</a>   |

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| <b>Course title</b>                 | Spatio-Temporal dynamics of lasers: modelling and applications   |
| <b>Lecturer</b>                     | Massimo Brambilla  |
| <b>Scientific Discipline Sector</b> | FIS/03   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 24/02/2025: 10:00-12:00<br>03/03/2025: 10:00-12:00<br>10/03/2025: 10:00-12:00<br>17/03/2025: 10:00-12:00<br>24/03/2025: 10:00-12:00<br>31/03/2025: 10:00-12:00<br>07/04/2025: 10:00-12:00<br>14/04/2025: 10:00-12:00<br>28/04/2025: 10:00-12:00<br>05/05/2025: 10:00-12:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Ph.D. Course S-T dynamics of lasers   Generale   Microsoft Teams</a>  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Mathematical Models for High Frequency Analysis  |
| <b>Lecturer</b>                     | Francesco Maddalena  |
| <b>Scientific Discipline Sector</b> | MAT/05   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 23/06/2025 4 ore<br>25/06/2025 4 ore<br>27/06/2025 4 ore<br>01/07/2025 4 ore<br>03/07/2025 4 ore |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Esame Dottorato   Generale   Microsoft Teams</a>                  |

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|-------------------------------------|---|
| <b>Course title</b>                 | DoE and Robust Design applied to setup optimization for numerical and experimental testing  |
| <b>Lecturer</b>                     | Francesca Di Carolo   |
| <b>Scientific Discipline Sector</b> | ING-IND/14  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | First /Second   |
| <b>Tentative Calendar</b>           | 11/06/2025: 14:00-17:00<br>13/06/2025: 14:00-17:00<br>18/06/2025: 14:00-17:00<br>20/06/2025: 14:00-17:00<br>25/06/2025: 14:00-17:00<br>27/06/2025: 14:00-17:00<br>02/07/2025: 14:00-16:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">SCUDO 2024/2025-DoE and Robust Design applied to setup optimization for numerical and experimental testing   Generale   Microsoft Teams</a>      |



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|-------------------------------------|--|
| <b>Course title</b>                 | Coding Theory  |
| <b>Lecturer</b>                     | Angela Aguglia   |
| <b>Scientific Discipline Sector</b> | MAT/03   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 04/03/2025: 09:00-11:30<br>11/03/2025: 09:00-11:30<br>14/03/2025: 09:00-11:30<br>18/03/2025: 09:00-11:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Coding Theory 2024-2025   Generale   Microsoft Teams</a>                  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Acoustics and thermoacoustics  |
| <b>Lecturer</b>                     | Davide Laera   |
| <b>Scientific Discipline Sector</b> | ING-IND/09   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 03/06/2025: 14:30-17:30<br>05/06/2025: 14:30-16:30<br>10/06/2025: 14:30-17:30<br>12/06/2025: 14:30-16:30<br>17/06/2025: 14:30-17:30<br>19/06/2025: 14:30-16:30<br>24/06/2025: 14:30-17:30<br>26/06/2025: 14:30-16:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Acoustics and Thermoacoustics   Generale   Microsoft Teams</a>  |

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| <b>Course title</b>                 | Hydraulic Turbomachines for Energy Recovery in Water Distribution Networks   |
| <b>Lecturer</b>                     | Michele Stefanizzi   |
| <b>Scientific Discipline Sector</b> | ING-IND/09   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 06/05/2025: 10:00-12:30<br>09/05/2025: 10:00-12:30<br>13/05/2025: 10:00-12:30<br>16/05/2025: 10:00-12:30<br>20/05/2025: 10:00-12:30<br>23/05/2025: 10:00-12:30<br>27/05/2025: 10:00-12:30<br>30/05/2025: 10:00-12:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Hydraulic Turbomachines for Energy Recovery in Water Distribution Networks   Generale   Microsoft Teams</a>   |

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|-------------------------------------|--|
| <b>Course title</b>                 | Hydrogen for Sustainable Transportation Systems  |
| <b>Lecturer</b>                     | Gianmarco Saponaro   |
| <b>Scientific Discipline Sector</b> | ING-IND/08   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 04/11/2024: 10:00-12:00<br>05/11/2024: 10:00-12:00<br>07/11/2024: 10:00-12:00<br>11/11/2024: 10:00-12:00<br>14/11/2024: 10:00-12:00<br>18/11/2024: 10:00-12:00<br>21/11/2024: 10:00-12:00<br>25/11/2024: 10:00-12:00<br>28/11/2024: 10:00-12:00<br>02/12/2024: 10:00-12:00   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AZ5IR7ziJSZP6O-zHz5aAuHN8KksfVhC_vGAgYcFvwIY1%40thread.tacv2/conversations?groupId=c386e7d8-d861-4554-bb90-f5888103403f&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AZ5IR7ziJSZP6O-zHz5aAuHN8KksfVhC_vGAgYcFvwIY1%40thread.tacv2/conversations?groupId=c386e7d8-d861-4554-bb90-f5888103403f&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Optimization Theory  |
| <b>Lecturer</b>                     | Giuseppe Maria Coclite   |
| <b>Scientific Discipline Sector</b> | MAT/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /First   |
| <b>Tentative Calendar</b>           | 24/03/2025: 10:30-13:00<br>26/03/2025: 10:30-13:00<br>28/03/2025: 10:30-13:00<br>31/03/2025: 10:30-13:00<br>02/04/2025: 10:30-13:00<br>04/04/2025: 10:30-13:00<br>07/04/2025   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3a0a48d9f5f8d143c8a9789035f68cf6fa%40thead.tacv2/conversations?groupId=5f441b33-8425-45c0-b7bd-ca511fbc5551&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3a0a48d9f5f8d143c8a9789035f68cf6fa%40thead.tacv2/conversations?groupId=5f441b33-8425-45c0-b7bd-ca511fbc5551&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Introduction to fluid-structure interaction  |
| <b>Lecturer</b>                     | Alessandro Nitti   |
| <b>Scientific Discipline Sector</b> | ING-IND/06   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | First /Second  |
| <b>Tentative Calendar</b>           | 04/06/2025: 14:30-17:00<br>05/06/2025: 14:30-17:00<br>10/06/2025: 14:30-17:00<br>11/06/2025: 14:30-17:00<br>17/06/2025: 14:30-17:00<br>18/06/2025: 14:30-17:00<br>24/06/2025: 14:30-17:00<br>25/06/2025: 14:30-17:00 |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | NIR and MIR laser coupling with fibers  |
| <b>Lecturer</b>                     | Giansergio Menduni  |
| <b>Scientific Discipline Sector</b> | FIS01/FIS03/FIS07   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 24/02/2025: 10:00-13:00<br>25/02/2025: 10:00-13:00<br>26/02/2025: 10:00-13:00<br>27/02/2025: 10:00-13:00<br>28/02/2025: 10:00-13:00<br>03/03/2025: 10:00-13:00<br>04/03/2025: 10:00-12:00 |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|---|
| <b>Course title</b>                 | Real-time Simulation and Hardware-in-the-Loop testing for Smart Energy Systems  |
| <b>Lecturer</b>                     | Sergio Bruno  |
| <b>Scientific Discipline Sector</b> | ING-IND/33  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 25/02/2025: 09:30-13:30<br>04/03/2025: 09:30-13:30<br>11/03/2025: 09:30-13:30<br>18/03/2025: 09:30-13:30<br>25/03/2025: 09:30-13:30 |
| <b>Room</b>                         | On-site   |



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| <b>Course title</b>                 | Xtended Experiences for Smart and Sustainable Industry   |
| <b>Lecturer</b>                     | Michele Fiorentino   |
| <b>Scientific Discipline Sector</b> | ING-IND/15   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 13/12/2024: 10:00-12:00<br>20/12/2024: 10:00-12:00<br>17/01/2025: 10:00-12:00<br>24/01/2025: 10:00-12:00<br>31/01/2025: 10:00-12:00<br>07/02/2025: 10:00-12:00<br>14/02/2025: 10:00-12:00<br>21/02/2025: 10:00-12:00<br>28/02/2025: 10:00-12:00<br>07/03/2025: 10:00-12:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">SCUDO- Xtended Experiences for Smart and sustainable Industry   Generale   Microsoft Teams</a>  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Time-series databases for sensor data analysis   |
| <b>Lecturer</b>                     | Agnese Pinto   |
| <b>Scientific Discipline Sector</b> | ING-INF/05   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 09/04/2025: 15:00-17:30<br>16/04/2025: 15:00-17:30<br>23/04/2025: 15:00-17:30<br>30/04/2025: 15:00-17:30<br>07/05/2025: 15:00-17:30<br>14/05/2025: 15:00-17:30<br>21/05/2025: 15:00-17:30<br>28/05/2025: 15:00-17:30   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3Adij-Xyia_R08rfWXwq-clzjYac9_WNVkZrXNuLCdA1%40thread.tacv2/?groupId=6a4c0c42-9858-4d63-8bfe-a429167615a0">https://teams.microsoft.com/l/channel/19%3Adij-Xyia_R08rfWXwq-clzjYac9_WNVkZrXNuLCdA1%40thread.tacv2/?groupId=6a4c0c42-9858-4d63-8bfe-a429167615a0</a> |

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| <b>Course title</b>                 | Photonics for Industry 4.0   |
| <b>Lecturer</b>                     | Giovanni Magno   |
| <b>Scientific Discipline Sector</b> | ING-INF/02   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 07/11/2024: 10:00-12:30<br>08/11/2024: 10:00-12:30<br>08/11/2024: 15:00-17:30<br>15/11/2024: 10:00-12:30<br>15/11/2024: 15:00-17:30<br>22/11/2024: 10:00-11:30<br>22/11/2024: 15:00-18:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AZDpqLModiu-dcc3Or-SoMmleNZNhByZiUSRgDfV3xxzM1%40thread.tacv2/conversations?groupId=7dd51907-76ff-40a2-93bd-6d2d4c6e6d83&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AZDpqLModiu-dcc3Or-SoMmleNZNhByZiUSRgDfV3xxzM1%40thread.tacv2/conversations?groupId=7dd51907-76ff-40a2-93bd-6d2d4c6e6d83&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Nanotecnologie per la transizione energetica  |
| <b>Lecturer</b>                     | Umberto Berardi   |
| <b>Scientific Discipline Sector</b> | ING-IND/11  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 06/12/2024: 15:00-18:00<br>09/12/2024: 09:30-12:30<br>11/12/2024: 09:30-12:30<br>13/12/2024: 09:30-12:30<br>17/12/2024: 09:30-12:30<br>19/12/2024: 09:00-14:00  |
| <b>Room</b>                         | On-site<br><a href="https://teams.microsoft.com/l/channel/19%3ArLh2aq6tu8-THtSdxY6zlXApA5Xtcf7ibiG76jwKraE1%40thread.tacv2/?groupId=453dd298-5734-45b9-aa77-bafe1079e626">https://teams.microsoft.com/l/channel/19%3ArLh2aq6tu8-THtSdxY6zlXApA5Xtcf7ibiG76jwKraE1%40thread.tacv2/?groupId=453dd298-5734-45b9-aa77-bafe1079e626</a><br>SCUDO 2024-25: Nanotechnologies for energy Transition   General   Microsoft Teams |

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|-------------------------------------|--|
| <b>Course title</b>                 | Smart energy cities  |
| <b>Lecturer</b>                     | Umberto Berardi  |
| <b>Scientific Discipline Sector</b> | ING-IND/11   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 13/01/2025: 14:00-18:00<br>14/01/2025: 14:00-18:00<br>20/01/2025: 14:30-17:30<br>21/01/2025: 14:30-17:30<br>27/01/2025: 14:30-17:30<br>28/01/2025: 14:30-17:30 |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | Microwave Photonics for Smart Systems  |
| <b>Lecturer</b>                     | Giuseppe Brunetti  |
| <b>Scientific Discipline Sector</b> | ING-INF/01   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 04/03/2025 5 ore<br>11/03/2025 5 ore<br>18/03/2025 5 ore<br>25/03/2025 5 ore |
| <b>Room</b>                         | On-site  |

|                                     |  |
|-------------------------------------|--|
| <b>Course title</b>                 | Cutting-edge Nanomaterials for Advanced Technologies   |
| <b>Lecturer</b>                     | Chiara Lo Porto  |
| <b>Scientific Discipline Sector</b> | CHIM/07  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 13/01/2025: 11:00 – 13:00<br>20/01/2025: 11:00 – 13:00<br>27/01/2025: 11:00 – 13:00<br>03/02/2025: 11:00 – 13:00<br>10/02/2025: 11:00 – 13:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3A3WPpaoULK0kXJBI-JoP2TmwhvnSg5SH9sZyo4dHDdkuU1%40thread.tacv2/conversations?groupId=5634afeb-dd08-4f90-b654-7ae01c2031d2&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3A3WPpaoULK0kXJBI-JoP2TmwhvnSg5SH9sZyo4dHDdkuU1%40thread.tacv2/conversations?groupId=5634afeb-dd08-4f90-b654-7ae01c2031d2&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Soil-atmosphere interaction and slope stability: processes and numerical modelling                               |
| <b>Lecturer</b>                     | Vito Tagarelli   |
| <b>Scientific Discipline Sector</b> | ICAR/02 e ICAR/07  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 15/01/2025: 14:30 – 19:30<br>22/01/2025: 14:30 – 19:30<br>27/01/2025: 14:30 – 19:30<br>29/01/2025: 14:30 – 19:30 |
| <b>Room</b>                         | On-site  |



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|-------------------------------------|--|
| <b>Course title</b>                 | Advances in Geomatic Engineering   |
| <b>Lecturer</b>                     | Alberico Sonnessa  |
| <b>Scientific Discipline Sector</b> | ICAR/06  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 02/06/2025: 08:00 – 13:00<br>03/06/2025: 08:00 – 13:00<br>04/06/2025: 08:00 – 13:00<br>05/06/2025: 08:00 – 13:00 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|--|
| <b>Course title</b>                 | Advanced Probabilistic Methods For The Reliability Analysis In Structural Engineering Problems   |
| <b>Lecturer</b>                     | Sergio Ruggieri  |
| <b>Scientific Discipline Sector</b> | ICAR/09  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 15/01/2025:14:30 – 18:30<br>16/01/2025:14:30 – 18:30<br>22/01/2025:14:30 – 18:30<br>23/01/2025:14:30 – 18:30<br>29/01/2025:14:30 – 18:30   |
| <b>Room</b>                         | On-site Aula 25 / Microsoft Teams<br><a href="#">Advanced Probabilistic Methods For The Reliability Analysis In Structural Engineering Problems   Generale   Microsoft Teams</a> |

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| <b>Course title</b>                 | Life Cycle Assessment for buildings  |
| <b>Lecturer</b>                     | Silvana Bruno  |
| <b>Scientific Discipline Sector</b> | ICAR/11  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 18/11/2024: 15:30 – 17:30<br>25/01/2024: 15:30 – 18:30<br>02/12/2024: 15:30 – 18:30<br>03/12/2024: 16:00 – 18:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">PhD course Life Cycle Assessment for buildings   Generale   Microsoft Teams</a>   |

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| <b>Course title</b>                 | Laser scanning for architectural surveying. Techniques and applications  |
| <b>Lecturer</b>                     | Michele Buldo  |
| <b>Scientific Discipline Sector</b> | ICAR/17  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 18/03/2025 3 ore<br>20/03/2025 3,5 ore<br>25/03/2025 3,5 ore   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3A44CtreM-hHJcEAhxkaf23fJVASEDI9dp640PZG-mNimQ1%40thread.tacv2/conversations?groupId=c1186c23-2eb5-4291-9c77-d6cded107c42&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3A44CtreM-hHJcEAhxkaf23fJVASEDI9dp640PZG-mNimQ1%40thread.tacv2/conversations?groupId=c1186c23-2eb5-4291-9c77-d6cded107c42&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | How to build an ontology that lasts for design matters (lab)  |
| <b>Lecturer</b>                     | Maria Rosaria Stufano Melone  |
| <b>Scientific Discipline Sector</b> | ICAR/20   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 09/06/2025: 16:00-18:00<br>11/06/2025: 16:00-18:00<br>12/06/2025: 16:00-18:00<br>18/06/2025: 16:00-18:00<br>19/06/2025: 16:00-18:00 |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|--|
| <b>Course title</b>                 | Sustainable Technologies for Circular Economy in Waste Management  |
| <b>Lecturer</b>                     | Claudia Labianca   |
| <b>Scientific Discipline Sector</b> | ING-IND/22   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 27/02/2025: 11:30-15:30<br>06/03/2025: 11:30-15:30<br>13/03/2025: 11:30-15:30<br>20/03/2025: 11:30-15:30<br>27/03/2025: 11:30-15:30  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDg4MzI0YmMtNWRkOS00ODRmLTkwNmUtM2U0MjdkMjI-IOTRh%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%229c28e6c9-7009-41f7-a62c-61400afc6e2c%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDg4MzI0YmMtNWRkOS00ODRmLTkwNmUtM2U0MjdkMjI-IOTRh%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%229c28e6c9-7009-41f7-a62c-61400afc6e2c%22%7d</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Mechanical models for masonry structures  |
| <b>Lecturer</b>                     | Aguinaldo Fraddosio   |
| <b>Scientific Discipline Sector</b> | ICAR/08   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 09/09/2025: 15:00-18:00<br>11/09/2025: 15:00-18:00<br>16/09/2025: 15:00-18:00<br>18/09/2025: 15:00-18:00<br>23/09/2025: 15:00-18:00<br>25/09/2025: 15:00-18:00<br>30/09/2025: 15:00-17:00 |
| <b>Room</b>                         | On-site   |

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|-------------------------------------|--|
| <b>Course title</b>                 | Seismic risk of reinforced concrete buildings: innovative modeling, analysis, and mitigation strategies  |
| <b>Lecturer</b>                     | Dora Foti  |
| <b>Scientific Discipline Sector</b> | ICAR/09  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 10/02/2025: 09:00-13:00<br>11/02/2025: 09:00-13:00<br>12/02/2025: 09:00-13:00<br>13/02/2025: 09:00-13:00<br>14/02/2025: 09:00-13:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/j/team/19%3AAU1VXI-9TT9fmCec-Serf7QtyJ4xZffP9zYadmixqeEm1%40thread.tacv2/conversations?groupId=32d93557-bccc-46b7-81ac-133c5ec37da7&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/j/team/19%3AAU1VXI-9TT9fmCec-Serf7QtyJ4xZffP9zYadmixqeEm1%40thread.tacv2/conversations?groupId=32d93557-bccc-46b7-81ac-133c5ec37da7&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |



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| <b>Course title</b>                 | Dynamic identification and structural monitoring: fundamentals and applications to wind turbines I parte  |
| <b>Lecturer</b>                     | Pinchuk Nataliia  |
| <b>Scientific Discipline Sector</b> | ICAR/08 – ICAR/09   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 04/02/2025: 10:00-12:00<br>11/02/2025: 10:00-12:00<br>18/02/2025: 10:00-12:00<br>25/02/2025: 10:00-12:00<br>04/03/2025: 10:00-12:00                             |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Dynamic identification and structural monitoring: fundamentals and applications to wind turbines   General   Microsoft Teams</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Dynamic identification and structural monitoring: fundamentals and applications to wind turbines II parte                           |
| <b>Lecturer</b>                     | Fabio Rizzo   |
| <b>Scientific Discipline Sector</b> | ICAR/08 – ICAR/09   |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 11/03/2025: 09:00-11:00<br>18/03/2025: 09:00-11:00<br>25/03/2025: 09:00-11:00<br>01/04/2025: 09:00-11:00<br>08/04/2025: 09:00-11:00 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Bridges and critical infrastructures: seismic risk and wind-structure interaction  |
| <b>Lecturer</b>                     | Fabio Rizzo  |
| <b>Scientific Discipline Sector</b> | ICAR/09  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 01/07/2025: 09:00-11:00<br>01/07/2025: 11:30-13:30<br>08/07/2025: 09:00-11:00<br>08/07/2025: 11:30-13:30<br>15/07/2025: 09:00-11:00<br>15/07/2025: 11:30-13:30<br>22/07/2025: 09:00-11:00<br>22/07/2025: 11:30-13:30<br>29/07/2025: 09:00-11:00<br>29/07/2025: 11:30-13:30 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|---|
| <b>Course title</b>                 | Characterization and modeling of light alloy  |
| <b>Lecturer</b>                     | Angela Cusanno  |
| <b>Scientific Discipline Sector</b> | ING-IND/16  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 07/07/2025: 09:00-12:00<br>08/07/2025: 09:00-12:00<br>09/07/2025: 09:00-12:00<br>10/07/2025: 09:00-12:00<br>14/07/2025: 09:00-12:00<br>15/07/2025: 09:00-12:00<br>16/07/2025: 15:00-17:00 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Numerical and heat transfer challenges in Thermal Energy storage   |
| <b>Lecturer</b>                     | Aminhossein Jahanbin   |
| <b>Scientific Discipline Sector</b> | ING-IND/10 – ING-IND/08  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 25/02/2025: 11:00-13:00<br>27/02/2025: 11:00-13:00<br>27/02/2025: 14:00-16:00<br>04/03/2025: 10:00-13:00<br>06/03/2025: 11:00-13:00<br>06/03/2025: 14:00-16:00<br>11/03/2025: 10:00-13:00<br>13/03/2025: 11:00-13:00<br>13/03/2025: 14:00-16:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDBjMDgzYjYtYzc3ZS00MzZjLWE5OWQtM2FmZDEzZDdlM2Iz%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%22d557a644-00b6-482f-89ba-e3e492ef7733%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDBjMDgzYjYtYzc3ZS00MzZjLWE5OWQtM2FmZDEzZDdlM2Iz%40thread.v2/0?context=%7b%22Tid%22%3a%225b406aab-a1f1-4f13-a7aa-dd573da3d332%22%2c%22Oid%22%3a%22d557a644-00b6-482f-89ba-e3e492ef7733%22%7d</a> |

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| <b>Course title</b>                 | Smart building   |
| <b>Lecturer</b>                     | Roberto Stasi  |
| <b>Scientific Discipline Sector</b> | ING-IND/11   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 31/01/2025: 14:00-16:30<br>04/02/2025: 14:00-16:30<br>07/02/2025: 14:00-16:30<br>11/02/2025: 14:00-16:30<br>14/02/2025: 14:00-16:30<br>18/02/2025: 14:00-16:30<br>21/02/2025: 14:00-16:30<br>25/02/2025: 14:00-16:30 |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | Indoor Comfort Evaluation  |
| <b>Lecturer</b>                     | Francesco Martellotta  |
| <b>Scientific Discipline Sector</b> | ING-IND/11   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 09/01/2025: 15:30-18:00<br>16/01/2025: 15:30-18:00<br>23/01/2025: 15:30-18:00<br>30/01/2025: 15:30-18:00<br>06/02/2025: 15:30-18:00<br>13/02/2025: 15:30-18:00<br>20/02/2025: 15:30-18:00<br>27/02/2025: 15:30-18:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">SCUDO:Indoor comfort evaluation</a>   |

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| <b>Course title</b>                 | Analysis and management of heritage buildings: efficiency and innovative technologies Modulo A |
| <b>Lecturer</b>                     | Mariella De Fino   |
| <b>Scientific Discipline Sector</b> | ICAR/10 – ICAR/12  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 24/06/2025: 09:30-12:30<br>25/06/2025: 09:30-12:30<br>02/07/2025: 09:00-13:00                  |
| <b>Room</b>                         | On-site  |



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| <b>Course title</b>                 | Analysis and management of heritage buildings: efficiency and innovative technologies Modulo B           |
| <b>Lecturer</b>                     | Paola Lassandro  |
| <b>Scientific Discipline Sector</b> | ICAR/10 – ICAR/12  |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 06/03/2025: 15:30-17:30<br>20/03/2025: 15:00-17:30<br>01/04/2025: 15:30-17:30<br>15/04/2025: 15:30-17:30 |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | Resilient and secure (historic) built environment in a multi-hazard perspective                  |
| <b>Lecturer</b>                     | Elena Cantatore  |
| <b>Scientific Discipline Sector</b> | ICAR/10  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 09/06/2025 4 ore<br>16/06/2025 4 ore<br>23/06/2025 4 ore<br>30/06/2025 4 ore<br>07/06/2025 4 ore |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | Distributed/Decentralized Control and Optimization of Large-Scale Systems  |
| <b>Lecturer</b>                     | Raffaele Carli   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 28/01/2025: 09:30-12:00<br>29/01/2025: 15:30-18:00<br>04/02/2025: 09:30-12:00<br>06/02/2025: 09:30-12:00   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://politecnicobari-my.sharepoint.com/:x/g/person/raffaele_carli_politecnico_bari/ESXZ_Sy9OWZnuAq60BsqDQBmtM9QGe1zMKsK0v1OsGzEw?e=NXTWHn">https://politecnicobari-my.sharepoint.com/:x/g/person/raffaele_carli_politecnico_bari/ESXZ_Sy9OWZnuAq60BsqDQBmtM9QGe1zMKsK0v1OsGzEw?e=NXTWHn</a> |

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| <b>Course title</b>                 | Non-integer order systems and controllers  |
| <b>Lecturer</b>                     | Guido Maione   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 07/04/2025: 15:00-17:00<br>08/04/2025: 15:00-17:00<br>09/04/2025: 15:00-17:00<br>10/04/2025: 15:00-17:00<br>11/04/2025: 15:00-17:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3ABd83LFLpTgL4O8U6a4aWvd-oVwA92nu-DHY1K8hqXro1%40thread.tacv2/conversations?groupId=0e89ac57-716b-4034-97eb-01c45725b577&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3ABd83LFLpTgL4O8U6a4aWvd-oVwA92nu-DHY1K8hqXro1%40thread.tacv2/conversations?groupId=0e89ac57-716b-4034-97eb-01c45725b577&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Control and Security of Cyber Physical Systems   |
| <b>Lecturer</b>                     | Liu Ruotian  |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 04/03/2025: 14:00-16:30<br>07/03/2025: 14:00-16:30<br>11/03/2025: 14:00-16:30<br>14/03/2025: 14:00-16:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://forms.gle/F3c2XxrhB2f9K8vt8">https://forms.gle/F3c2XxrhB2f9K8vt8</a> |

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| <b>Course title</b>                 | Game Theory for Controlling Autonomous Systems   |
| <b>Lecturer</b>                     | Paolo Scarabaggio  |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 17/06/2025: 14:00-16:30<br>19/06/2025: 14:00-16:30<br>24/06/2025: 14:00-16:30<br>26/06/2025: 14:00-16:30   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://forms.office.com/Pages/ResponsePage.aspx?id=q2pAW_GhE0-nqt1XPaPTMv-BtgGrg99Aulm6vM89x_dUQkExWVE0VTdYQVFMTkQ0VzJUT-lIaNfc2Ni4u">https://forms.office.com/Pages/ResponsePage.aspx?id=q2pAW_GhE0-nqt1XPaPTMv-BtgGrg99Aulm6vM89x_dUQkExWVE0VTdYQVFMTkQ0VzJUT-lIaNfc2Ni4u</a> |

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| <b>Course title</b>                 | Data-driven fault diagnosis and fault prognosis  |
| <b>Lecturer</b>                     | Francesco Ferracuti  |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 01/07/2025: 15:00-17:00<br>03/07/2025: 15:00-17:00<br>08/07/2025: 15:00-18:00<br>10/07/2025: 15:00-18:00   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3AIn820tLNHmzM2GrX9uFbI3Cgk1gPVqwD0XHBFekBY1%40thread.tacv2/?groupId=3c2e5deb-d78d-4228-b5e4-96526519c536">https://teams.microsoft.com/l/channel/19%3AIn820tLNHmzM2GrX9uFbI3Cgk1gPVqwD0XHBFekBY1%40thread.tacv2/?groupId=3c2e5deb-d78d-4228-b5e4-96526519c536</a> |

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| <b>Course title</b>                 | Gaussian processes for modeling and control of robotics systems  |
| <b>Lecturer</b>                     | Alberto Dalla Libera   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 13/01/2025: 10:00-12:00<br>15/01/2025: 10:00-12:00<br>17/01/2025: 10:00-12:00<br>20/01/2025: 10:00-12:00<br>22/01/2025: 10:00-12:00<br>24/01/2025: 10:00-12:00<br>27/01/2025: 10:00-12:00<br>29/01/2025: 10:00-12:00<br>31/01/2025: 10:00-12:00<br>03/02/2025: 10:00-12:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://docs.google.com/spreadsheets/d/1buQA8RTqSURQGAuJHUHQar5LrsxsThzmgivBlyrCjQc/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1buQA8RTqSURQGAuJHUHQar5LrsxsThzmgivBlyrCjQc/edit?usp=sharing</a>                                 |



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| <b>Course title</b>                 | Human Autonomous System Interaction  |
| <b>Lecturer</b>                     | Sabrina Iarlori  |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 28/02/2025: 09:30-11:30<br>07/03/2025: 09:30-11:30<br>14/03/2025: 09:30-11:30<br>20/03/2025: 09:30-11:30<br>28/03/2025: 09:30-11:30  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/j/channel/19%3A3-EM0wNrykCshJQN4sqgLxeNQMGcQCLTUFGyZ-RSP_A81%40thread.tacv2/?groupId=a6c66443-03ba-4306-a6e0-e6dea59764bd&amp;tenantId=117b418d-fb21-416f-a85f-1e9ff725bf2c">https://teams.microsoft.com/j/channel/19%3A3-EM0wNrykCshJQN4sqgLxeNQMGcQCLTUFGyZ-RSP_A81%40thread.tacv2/?groupId=a6c66443-03ba-4306-a6e0-e6dea59764bd&amp;tenantId=117b418d-fb21-416f-a85f-1e9ff725bf2c</a> |

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| <b>Course title</b>                 | Intelligent Supervisory Systems   |
| <b>Lecturer</b>                     | Silvio Simani   |
| <b>Scientific Discipline Sector</b> | ING-INF/04  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 08/01/2025: 09:30-12:00<br>14/01/2025: 09:30-12:00<br>16/01/2025: 09:30-12:00<br>21/01/2025: 09:30-12:00<br>23/01/2025: 09:30-12:00<br>27/01/2025:14:30-17:00<br>28/01/2025: 09:30-12:00<br>30/01/2025: 09:30-12:00   |
| <b>Room</b>                         | Microsoft Teams<br>Link form iscrizione corso:<br><a href="https://docs.google.com/forms/d/e/1FAIpQLSevNFFzYZwb6o1ZOXq68rkxEqnTPcloTKqzhSCJV_QEqSrJ3yQ/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSevNFFzYZwb6o1ZOXq68rkxEqnTPcloTKqzhSCJV_QEqSrJ3yQ/viewform?usp=sf_link</a><br>Pagina web del corso:<br><a href="http://www.silviosimani.it/DAUSY-course-Simani-ICS-2025.html">http://www.silviosimani.it/DAUSY-course-Simani-ICS-2025.html</a><br>Link per collegamento remoto:<br><a href="meet.google.com/cid-xmdz-bez">meet.google.com/cid-xmdz-bez</a> |

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| <b>Course title</b>                 | Introduction to autonomous systems   |
| <b>Lecturer</b>                     | Sauro Longhi   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 23/06/2025: 15:00-17:30<br>25/06/2025: 15:00-17:30<br>27/06/2025: 15:00-17:30<br>30/06/2025: 15:00-17:30   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://politecnicobari-my.sharepoint.com/:x/g/person/raf-faele_carli_poliba_it/ESf-m93VBGZKoXsapeO5-aAB4j555cfmCpD-BaGzSE_gcQ?e=Ual1LS">https://politecnicobari-my.sharepoint.com/:x/g/person/raf-faele_carli_poliba_it/ESf-m93VBGZKoXsapeO5-aAB4j555cfmCpD-BaGzSE_gcQ?e=Ual1LS</a> |

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| <b>Course title</b>                 | Linear algebra for control applications  |
| <b>Lecturer</b>                     | Matthias Pezzuto   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 25/02/2025: 10:00-12:00<br>27/02/2025: 10:00-12:00<br>04/03/2025: 10:00-12:00<br>06/03/2025: 10:00-12:00<br>11/03/2025: 10:00-12:00<br>13/03/2025: 10:00-12:00<br>18/03/2025: 10:00-12:00<br>20/03/2025: 10:00-12:00<br>25/03/2025: 10:00-12:00<br>27/03/2025: 10:00-12:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://forms.gle/DZhrRoDhkgJcA9Vf8">https://forms.gle/DZhrRoDhkgJcA9Vf8</a>   |

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| <b>Course title</b>                 | Linear and nonlinear Kalman filtering: theory and applications   |
| <b>Lecturer</b>                     | Luigi Chisci   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 10/02/2025: 09:00-13:00<br>11/02/2025: 09:00-13:00<br>13/02/2025: 09:00-13:00<br>17/02/2025: 09:00-13:00<br>18/02/2025: 09:00-13:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://politecnicobari-my.sharepoint.com/:x/g/personal/raf-faele_carli_poliba_it/EdEx5WZapHNIh1mbWmHaAb-cBRcN8x2ggrfBqqEzldEoanQ?e=crYPYY">https://politecnicobari-my.sharepoint.com/:x/g/personal/raf-faele_carli_poliba_it/EdEx5WZapHNIh1mbWmHaAb-cBRcN8x2ggrfBqqEzldEoanQ?e=crYPYY</a> |

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| <b>Course title</b>                 | Learning in multi-agent systems  |
| <b>Lecturer</b>                     | Nicola Bastianello   |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 25/11/2024: 10:00-12:00<br>29/11/2024: 10:00-12:00<br>02/12/2024: 10:00-12:00<br>06/12/2024: 10:00-12:00<br>09/12/2024: 10:00-12:00<br>13/12/2024: 10:00-12:00<br>07/01/2025: 10:00-12:00<br>10/01/2025: 10:00-12:00<br>13/01/2025: 10:00-12:00<br>17/01/2025: 10:00-12:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://sites.google.com/view/dausy-18-learning-mas">https://sites.google.com/view/dausy-18-learning-mas</a>   |

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| <b>Course title</b>                 | Non-linear control  |
| <b>Lecturer</b>                     | Karl Dietrich von Ellenrieder   |
| <b>Scientific Discipline Sector</b> | ING-INF/04  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 09/06/2025: 10:00-12:00<br>10/06/2025: 10:00-12:00<br>11/06/2025: 10:00-12:00<br>12/06/2025: 10:00-12:00<br>13/06/2025: 10:00-12:00<br>16/06/2025: 10:00-12:00<br>17/06/2025: 10:00-12:00<br>18/06/2025: 10:00-12:00<br>19/06/2025: 10:00-12:00<br>20/06/2025: 10:00-12:00  |
| <b>Room</b>                         | Microsoft Teams<br>Course Registration<br><a href="https://forms.gle/Yski43KQhKUKkwmU8">https://forms.gle/Yski43KQhKUKkwmU8</a><br>Teams channel for course delivery –<br><a href="https://teams.microsoft.com/l/team/19%3AZeYsl5MrV-vIKlqS0xUBQzE6EWLr47M8mTORcIDuXU1%40thread.tacv2/conversations?groupId=4b982f77-8e56-4efe-8c33-3bce47db7153&amp;tenantId=92513267-03e3-401a-80d4-c58ed6674e3b">https://teams.microsoft.com/l/team/19%3AZeYsl5MrV-vIKlqS0xUBQzE6EWLr47M8mTORcIDuXU1%40thread.tacv2/conversations?groupId=4b982f77-8e56-4efe-8c33-3bce47db7153&amp;tenantId=92513267-03e3-401a-80d4-c58ed6674e3b</a> |

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| <b>Course title</b>                 | Variable Structure Control   |
| <b>Lecturer</b>                     | Elio Usai  |
| <b>Scientific Discipline Sector</b> | ING-INF/04   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 17/02/2025: 15:00-17:00<br>18/02/2025: 15:00-17:00<br>19/02/2025: 15:00-17:00<br>20/02/2025: 15:00-17:00<br>21/02/2025: 15:00-17:00  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://politecnicobari-my.sharepoint.com/:x/g/person/raf-faele_carli_poliba_it/Ec6JhYzrWAVDv-6OSr81eJoB7cNsUUomqOZ-b9mRf9V77A">https://politecnicobari-my.sharepoint.com/:x/g/person/raf-faele_carli_poliba_it/Ec6JhYzrWAVDv-6OSr81eJoB7cNsUUomqOZ-b9mRf9V77A</a> |



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| <b>Course title</b>                 | Lean production in the digital factory   |
| <b>Lecturer</b>                     | Claudio Sassanelli   |
| <b>Scientific Discipline Sector</b> | ING-IND/17   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 24/01/2025: 10:00-12:00<br>27/01/2025: 09:00-12:00<br>27/01/2025: 14:00-17:00<br>29/01/2025: 09:00-12:00<br>31/01/2025: 14:00-16:00<br>03/02/2025: 10:00-12:00<br>10/02/2025: 10:00-12:30<br>11/02/2025: 10:00-12:30 |
| <b>Room</b>                         | On site / Microsoft Teams<br><a href="#">Lean production in the digital factory – Politecnico di Bari – SCUDO</a> Teams code: snyb79y  |

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| <b>Course title</b>                 | Human-based Smart Manufacturing Systems  |
| <b>Lecturer</b>                     | Micaela Vitti  |
| <b>Scientific Discipline Sector</b> | ING-IND/17   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 10/01/2025: 09:00-13:00<br>17/01/2025: 09:00-13:00<br>24/01/2025: 09:00-13:00<br>31/02/2025: 09:00-13:00<br>07/02/2025: 09:00-12:00<br>07/02/2025: 17:00-18:00 |
| <b>Room</b>                         | Microsoft Teams  |

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| <b>Course title</b>                 | Smart and sustainable last-mile logistics   |
| <b>Lecturer</b>                     | Bartolomeo Silvestri  |
| <b>Scientific Discipline Sector</b> | ING-IND/17  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 18/11/2024: 10:00-13:00<br>20/11/2024: 10:00-13:00<br>22/11/2024: 10:00-13:00<br>25/11/2024: 10:00-13:00<br>27/11/2024: 15:00-17:00<br>29/11/2024: 10:00-13:00<br>02/12/2024: 10:00-13:00 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Management and Business research   |
| <b>Lecturer</b>                     | Antonio Messeni Petruzzelli  |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 21/03/2025: 09:30-13:30<br>04/04/2025: 09:30-13:30<br>28/04/2025: 09:30-13:30<br>22/05/2025: 09:30-13:30<br>19/06/2025: 09:30-13:30  |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AMNqe1Xrg7s34KeuPH09ZvXrKfealTI3nE5swK8isH3I1%40thread.tacv2/conversations?groupId=0811682c-f13d-4282-9612-83769f96c181&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AMNqe1Xrg7s34KeuPH09ZvXrKfealTI3nE5swK8isH3I1%40thread.tacv2/conversations?groupId=0811682c-f13d-4282-9612-83769f96c181&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | From qualitative to quantitative methods in business research  |
| <b>Lecturer</b>                     | Daniele Sandro Rotolo  |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 04/03/2025: 08:30-13:30<br>11/03/2025: 08:30-13:30<br>18/03/2025: 08:30-13:30<br>25/03/2025: 08:30-13:30   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3A7ZuRw6iQ3-pCn_RKP6Z_9bmoan-lcCj7hWy2h2YM5CFQ1%40thread.tacv2/conversations?groupId=594cd78d-288f-4abb8b70-7ec13a4d810f&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3A7ZuRw6iQ3-pCn_RKP6Z_9bmoan-lcCj7hWy2h2YM5CFQ1%40thread.tacv2/conversations?groupId=594cd78d-288f-4abb8b70-7ec13a4d810f&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Empirical research on sustainable innovation and resilience Parte I |
| <b>Lecturer</b>                     | Rosa Maria Dangelico  |
| <b>Scientific Discipline Sector</b> | ING-IND/35  |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 05/02/2025: 09:00-14:00<br>12/02/2025: 09:00-14:00                  |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Empirical research on sustainable innovation and resilience Parte I  |
| <b>Lecturer</b>                     | Roberta Pellegrino   |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 17/02/2025: 09:00-14:00<br>24/02/2025: 09:00-14:00   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Corso Scudo 2024/25 Empirical research on sustainable innovation and resilience (Part 2)   Generale   Microsoft Teams</a> |

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| <b>Course title</b>                 | Inertial sensors  |
| <b>Lecturer</b>                     | Francesco Dell'Olio   |
| <b>Scientific Discipline Sector</b> | ING-INF/01  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 15/01/2025: 10:00-13:00<br>22/01/2025: 10:00-13:00<br>29/01/2025: 10:00-13:00<br>05/02/2025: 10:00-13:00<br>12/02/2025: 10:00-13:00<br>19/02/2025: 10:00-13:00<br>26/02/2025: 11:00-13:00 |
| <b>Room</b>                         | On-site   |



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|-------------------------------------|---|
| <b>Course title</b>                 | Design of optical fiber devices with Finite Element Method  |
| <b>Lecturer</b>                     | Antonella Maria Loconsole   |
| <b>Scientific Discipline Sector</b> | ING-INF/02  |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 08/09/2025: 11:00-13:00<br>09/09/2025: 11:00-13:00<br>10/09/2025: 11:00-13:00<br>11/09/2025: 11:00-13:00<br>12/09/2025: 11:00-13:00 |
| <b>Room</b>                         | On-site<br><a href="#">PhD course: Design of optical fiber devices with Finite Element Method   Generale   Microsoft Teams</a>      |

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|-------------------------------------|---|
| <b>Course title</b>                 | Electromagnetic design via professional softwares   |
| <b>Lecturer</b>                     | Antonella Maria Loconsole   |
| <b>Scientific Discipline Sector</b> | ING-INF/02  |
| <b>Hours of instruction</b>         | 10 hours  |
| <b>CFU</b>                          | 1 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 10/02/2025: 11:00-13:00<br>11/02/2025: 11:00-13:00<br>12/02/2025: 11:00-13:00<br>13/02/2025: 11:00-13:00<br>14/02/2025: 11:00-13:00 |
| <b>Room</b>                         | On-site<br><a href="#">PhD course: Electromagnetic design via professional softwares   Generale   Microsoft Teams</a>               |

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| <b>Course title</b>                 | Green Photonics for a sustainable economy  |
| <b>Lecturer</b>                     | Khalid Muhammad  |
| <b>Scientific Discipline Sector</b> | ING-INF/02   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 20/01/2025: 10:00-11:40<br>23/01/2025: 10:00-11:40<br>27/01/2025: 10:00-11:40<br>30/01/2025: 10:00-11:40<br>03/02/2025: 10:00-11:40<br>06/02/2025: 10:00-11:40   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3A3Cp11dg20sQuOwl0YCbwltCOhaVF-sEgY8Z4-MMVC3rA1%40thread.tacv2/conversations?groupId=7e360662-9efa-4366-9e9f-4db496f0c0a2&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3A3Cp11dg20sQuOwl0YCbwltCOhaVF-sEgY8Z4-MMVC3rA1%40thread.tacv2/conversations?groupId=7e360662-9efa-4366-9e9f-4db496f0c0a2&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Antenna Technology for 5G communications: propagation arrays and integration   |
| <b>Lecturer</b>                     | Ilaria Marasco   |
| <b>Scientific Discipline Sector</b> | ING-INF/02   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 04/06/2025: 10:30-13:00<br>11/06/2025: 10:30-13:00<br>18/06/2025: 10:30-13:00<br>25/06/2025: 10:30-13:00   |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">PhD Course:Antenna technology for 5G Communications: propagation, arrays and integration 2024/25   Generale   Microsoft Teams</a> |

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| <b>Course title</b>                 | Supervision and monitoring of renewable energy systems   |
| <b>Lecturer</b>                     | Silvano Vergura  |
| <b>Scientific Discipline Sector</b> | ING-IND/31   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 18/02/2025: 14:30-17:00<br>20/02/2025: 14:30-17:00<br>25/02/2025: 14:30-17:00<br>27/02/2025: 14:30-17:00                     |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Phd - Supervision and monitoring of renewable energy systems   Generale   Microsoft Teams</a> |

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| <b>Course title</b>                 | Micromagnetic modeling   |
| <b>Lecturer</b>                     | Andrea Meo   |
| <b>Scientific Discipline Sector</b> | ING-IND/31   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 11/11/2024: 10:00-12:30<br>13/11/2024: 10:00-12:30<br>15/11/2024: 10:00-12:30<br>18/12/2024: 10:00-12:30 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">PhD Course in Micromagnetic Modeling   General   Microsoft Teams</a>      |

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|-------------------------------------|--|
| <b>Course title</b>                 | Spintronics applications   |
| <b>Lecturer</b>                     | Riccardo Tomasello   |
| <b>Scientific Discipline Sector</b> | ING-IND/31   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 22/11/2024: 10:30-13:00<br>25/11/2024: 10:30-13:00<br>29/11/2024: 10:30-13:00<br>02/12/2024: 10:30-13:00 |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">PhD Course in Micromagnetic Modeling   General   Microsoft Teams</a>      |

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|-------------------------------------|---|
| <b>Course title</b>                 | Power Systems Simulation Tools  |
| <b>Lecturer</b>                     | Gioacchino Tricarico  |
| <b>Scientific Discipline Sector</b> | ING-IND/33  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 13/11/2024: 09:00-13:00<br>14/11/2024: 09:00-13:00<br>20/11/2024: 09:00-13:00<br>21/11/2024: 09:00-13:00<br>05/12/2024: 09:00-13:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Power Systems Simulation Tools   Generale   Microsoft Teams</a>                            |



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| <b>Course title</b>                 | Electric power system markets and planning   |
| <b>Lecturer</b>                     | Maria Dicorato   |
| <b>Scientific Discipline Sector</b> | ING-IND/33   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 04/06/2025: 3 ore<br>06/06/2025: 2 ore<br>11/06/2025: 3 ore<br>13/06/2025: 2 ore                                     |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Electric power system markets and planning   Generale   Microsoft Teams</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Numerical Methods for Big Data   |
| <b>Lecturer</b>                     | Marina Popolizio   |
| <b>Scientific Discipline Sector</b> | MAT/08   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 14/01/2025: 2 ore<br>16/01/2025: 2 ore<br>21/01/2025: 2 ore<br>23/01/2025: 2 ore<br>28/01/2025: 2 ore<br>30/01/2025: 2 ore<br>04/02/2025: 2 ore<br>06/02/2025: 2 ore<br>11/02/2025: 2 ore<br>13/02/2025: 2 ore   |
| <b>Room</b>                         | Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3Awnn86gR4LRFEXM_XDit0vkFFg82_OiD-siTq6GIMRws1%40thread.tacv2/conversations?groupId=f9246a93-bd44-47e3-b283-be1fc7d15a6b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3Awnn86gR4LRFEXM_XDit0vkFFg82_OiD-siTq6GIMRws1%40thread.tacv2/conversations?groupId=f9246a93-bd44-47e3-b283-be1fc7d15a6b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Numerical Methods for Multidimensional Differential Problems   |
| <b>Lecturer</b>                     | Alessandro Coclite   |
| <b>Scientific Discipline Sector</b> | MAT/08   |
| <b>Hours of instruction</b>         | 10 hours   |
| <b>CFU</b>                          | 1 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 22/10/2024: 10:00-12:30<br>29/10/2024: 10:00-12:30<br>31/10/2024: 10:00-12:30<br>05/11/2024: 10:00-12:30   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3Ai-DRjHf2ykeclGbFTimmEIZ1jkQ6XKl-BuHF_Br5sYqCo1%40thread.tacv2/?groupId=29ecadc3-3911-4335-827c-0c379fbc9ce3&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3Ai-DRjHf2ykeclGbFTimmEIZ1jkQ6XKl-BuHF_Br5sYqCo1%40thread.tacv2/?groupId=29ecadc3-3911-4335-827c-0c379fbc9ce3&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Low carbon structural design and retrofitting of concrete infrastructures using advanced composites   |
| <b>Lecturer</b>                     | Saverio Spadea  |
| <b>Scientific Discipline Sector</b> | ICAR/09   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 03/06/2025: 15:00-17:30<br>06/06/2025: 15:00-17:30<br>10/06/2025: 15:00-17:30<br>16/06/2025: 15:00-17:30<br>Completamento secondo semestre                          |
| <b>Room</b>                         | Microsoft Teams<br><a href="#">Low carbon structural design and retrofitting of concrete infrastructures using advanced composites   Generale   Microsoft Teams</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Practical Course in physical modelling for coastal engineering   |
| <b>Lecturer</b>                     | Matteo Gianluca Molfetta   |
| <b>Scientific Discipline Sector</b> | ICAR/02  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 12/05/2025: 14:00-18:00<br>15/05/2025: 14:00-18:00<br>19/05/2025: 14:00-18:00<br>26/05/2025: 14:00-18:00<br>28/05/2025: 14:00-18:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://politecnicobari.sharepoint.com/:u:/r/sites/PracticalCourseinphysicalmodellingforcoastalengineering/SitePages/ClassHome.aspx?csf=1&amp;web=1&amp;share=EekyfaLzyRZGo3aRFbJUle-sBWJKmFM5N4oySOA7LQBIXzw&amp;e=Y94AL5">https://politecnicobari.sharepoint.com/:u:/r/sites/PracticalCourseinphysicalmodellingforcoastalengineering/SitePages/ClassHome.aspx?csf=1&amp;web=1&amp;share=EekyfaLzyRZGo3aRFbJUle-sBWJKmFM5N4oySOA7LQBIXzw&amp;e=Y94AL5</a> |

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| <b>Course title</b>                 | Meteomarine forcing and design of maritime constructions   |
| <b>Lecturer</b>                     | Maria Francesca Bruno  |
| <b>Scientific Discipline Sector</b> | ICAR/02  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 04/02/2025: 14:00-18:00<br>11/02/2025: 14:00-18:00<br>18/02/2025: 14:00-18:00<br>25/02/2025: 14:00-18:00<br>04/03/2025: 14:00-18:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://politecnicobari.sharepoint.com/:u:/r/sites/Meteomarine-forcinganddesignofmaritimeconstructions2/SitePages/ClassHome.aspx?csf=1&amp;web=1&amp;share=ETIV9BKmEN-pFm0YTvcpbG90BQq5wFtapCpZAs0-LL0a8jQ&amp;e=PdcFVU">https://politecnicobari.sharepoint.com/:u:/r/sites/Meteomarine-forcinganddesignofmaritimeconstructions2/SitePages/ClassHome.aspx?csf=1&amp;web=1&amp;share=ETIV9BKmEN-pFm0YTvcpbG90BQq5wFtapCpZAs0-LL0a8jQ&amp;e=PdcFVU</a> |

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| <b>Course title</b>                 | Elements of digital transition in civil engineering  |
| <b>Lecturer</b>                     | Daniele Biagio Laucelli  |
| <b>Scientific Discipline Sector</b> | ICAR/02  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 03/02/2025: 09:00-11:00<br>05/02/2025: 09:00-12:00<br>07/02/2025: 09:00-12:00<br>10/02/2025: 09:00-12:00<br>14/02/2025: 09:00-12:00<br>17/02/2025: 09:00-12:00<br>21/02/2025: 09:00-12:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3afuDh5ni-QxKv_ilot0GeN8ptx9DC-CtfM5hoAnS1MVTM1%40thread.tacv2/Generale?groupId=a2bd80a9-8fb5-4212-b0c0-c8971fc83152&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3afuDh5ni-QxKv_ilot0GeN8ptx9DC-CtfM5hoAnS1MVTM1%40thread.tacv2/Generale?groupId=a2bd80a9-8fb5-4212-b0c0-c8971fc83152&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Innovation of business models in the civil infrastructure sector                                      |
| <b>Lecturer</b>                     | Umberto Panniello   |
| <b>Scientific Discipline Sector</b> | ING-IND/35  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 16/09/2025: 4 ore<br>17/09/2025: 4 ore<br>18/09/2025: 4 ore<br>23/09/2025: 4 ore<br>24/09/2025: 4 ore |
| <b>Room</b>                         | On-site   |



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| <b>Course title</b>                 | Innovative approaches and digital tools for ecological land planning   |
| <b>Lecturer</b>                     | Laura Grassini   |
| <b>Scientific Discipline Sector</b> | ICAR/20  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 28/01/2025: 08:30-11:30<br>29/01/2025: 08:30-11:30<br>31/01/2025: 08:30-11:30<br>04/02/2025: 08:30-11:30<br>05/02/2025: 08:30-11:30<br>07/02/2025: 08:30-13:30 |
| <b>Room</b>                         | On-site  |

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|-------------------------------------|---|
| <b>Course title</b>                 | Open Source and Innovative tools for simulating transport systems   |
| <b>Lecturer</b>                     | Nadia Giuffrida   |
| <b>Scientific Discipline Sector</b> | ICAR/05   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 11/09/2025: 09:00-14:00<br>12/09/2025: 09:00-14:00<br>15/09/2025: 09:00-14:00<br>17/09/2025: 09:00-14:00                                    |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Open Source and Innovative tools for simulating transport systems   Generale   Microsoft Teams</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Innovative techniques and methodologies for the reuse of materials in road, railway and airport constructions   |
| <b>Lecturer</b>                     | Stefano Coropulis   |
| <b>Scientific Discipline Sector</b> | ICAR/04   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 02/12/2024: 09:00-13:00<br>03/12/2024: 15:00-19:00<br>04/12/2024: 09:00-13:00<br>05/12/2024: 15:00-19:00<br>06/12/2024: 14:00-18:00   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Innovative techniques and methodologies for the reuse of materials in road, railway and airport constructions   Generale   Microsoft Teams</a> |

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|-------------------------------------|--|
| <b>Course title</b>                 | Road infrastructure for intelligent mobility   |
| <b>Lecturer</b>                     | Stefano Coropulis  |
| <b>Scientific Discipline Sector</b> | ICAR/04  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 16/12/2024: 09:00-13:00<br>17/12/2024: 15:00-19:00<br>18/12/2024: 09:00-13:00<br>19/12/2024: 15:00-19:00<br>20/12/2024: 14:00-8:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Road infrastructure for intelligent mobility   Generale   Microsoft Teams</a>             |

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|-------------------------------------|---|
| <b>Course title</b>                 | The architecture of construction  |
| <b>Lecturer</b>                     | Nicola Panzini  |
| <b>Scientific Discipline Sector</b> | ICAR/12   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 04/11/2024: 14:30-18:30<br>07/11/2024: 14:30-18:30<br>11/11/2024: 14:30-18:30<br>14/11/2024: 14:30-18:30<br>21/11/2024: 14:30-18:30 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | The architecture of structural forms   |
| <b>Lecturer</b>                     | Tiziano De Venuto  |
| <b>Scientific Discipline Sector</b> | ICAR/14  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 27/03/2025: 16:00-18:30<br>03/04/2025: 16:00-18:30<br>07/04/2025: 16:00-18:30<br>10/04/2025: 16:00-18:30<br>17/04/2025: 16:00-18:30<br>02/05/2025: 16:00-18:30<br>15/05/2025: 16:00-18:30<br>19/05/2025: 16:00-18:30 |
| <b>Room</b>                         | On-site  |

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| <b>Course title</b>                 | Analysis and representation techniques for architectural research  |
| <b>Lecturer</b>                     | Valentina Castagnolo   |
| <b>Scientific Discipline Sector</b> | ICAR/17  |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 30/04/2025: 09:30-11:30<br>07/05/2025: 09:30-11:30<br>14/05/2025: 09:30-13:30<br>21/05/2025: 09:30-13:30<br>28/05/2025: 09:30-13:30<br>04/06/2025: 09:30-13:30 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://msteams.link/N2FU">https://msteams.link/N2FU</a>   |

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|-------------------------------------|---|
| <b>Course title</b>                 | Historical research and study of contemporary architecture and city   |
| <b>Lecturer</b>                     | Antonio Labalestra  |
| <b>Scientific Discipline Sector</b> | ICAR/18   |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 04/12/2024: 15:00-18:00<br>19/12/2024: 15:00-18:00<br>15/01/2025: 15:00-18:30<br>22/01/2025: 15:00-18:30<br>29/01/2025: 15:00-18:30<br>18/02/2025: 15:00-18:30<br>28/02/2025: 15:00-18:30 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">scudo 2022-2023 Labalestra   Generale   Microsoft Teams</a>  |



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| <b>Course title</b>                 | Identification and propagation of optical photons in different media   |
| <b>Lecturer</b>                     | Francesca Romana Pantaleo  |
| <b>Scientific Discipline Sector</b> | FIS/01   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 10/06/2025: 09:15-12:15<br>12/06/2025: 09:15-12:15<br>17/06/2025: 09:15-12:15<br>19/06/2025: 09:15-12:15<br>24/06/2025: 09:15-12:15<br>26/06/2025: 09:15-12:15<br>02/07/2025: 09:15-11:15  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/channel/19%3AxyzyFVmNFntLCYdkb8ZcZ2m8EZNIZZOnF68ofPOtOQ1%40thread.tacv2/?groupId=c276d15e-f8d2-4eb0-b362-6ce29cd5a973&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/channel/19%3AxyzyFVmNFntLCYdkb8ZcZ2m8EZNIZZOnF68ofPOtOQ1%40thread.tacv2/?groupId=c276d15e-f8d2-4eb0-b362-6ce29cd5a973&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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|-------------------------------------|---|
| <b>Course title</b>                 | Spacecraft Structural Dynamics & Loads  |
| <b>Lecturer</b>                     | Francesco Ciampa  |
| <b>Scientific Discipline Sector</b> | ING-IND/04  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /First   |
| <b>Tentative Calendar</b>           | 10/02/2025: 10:00-13:00<br>11/02/2025: 10:00-13:00<br>12/02/2025: 10:00-13:00<br>13/02/2025: 10:00-13:00<br>14/02/2025: 10:00-13:00<br>17/02/2025: 10:00-13:00<br>18/02/2025: 10:00-12:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Spacecraft Structural Dynamics &amp; Loads   Generale   Microsoft Teams</a>  |

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| <b>Course title</b>                 | Hypersonic aerothermodynamics modelling and simulation   |
| <b>Lecturer</b>                     | Davide Ninni   |
| <b>Scientific Discipline Sector</b> | ING-IND/06   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 18/11/2024: 10:30-12:30<br>20/11/2024: 10:30-12:30<br>22/11/2024: 10:30-12:30<br>25/11/2024: 10:30-12:30<br>27/11/2024: 10:30-12:30<br>29/11/2024: 10:30-12:30<br>02/12/2024: 10:30-12:30<br>04/12/2024: 10:30-12:30<br>06/12/2024: 10:30-12:30<br>09/12/2024: 10:30-12:30   |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AFGQHvXjM-bodx7r2TZ1qJX7MPOyycypxbhTN63Zo9IHI1%40thread.tacv2/conversations?groupId=3fab3a74-14ac-4e59-8f1e-a14d5025159c&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AFGQHvXjM-bodx7r2TZ1qJX7MPOyycypxbhTN63Zo9IHI1%40thread.tacv2/conversations?groupId=3fab3a74-14ac-4e59-8f1e-a14d5025159c&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Optical communications for space   |
| <b>Lecturer</b>                     | Ilaria Marasco   |
| <b>Scientific Discipline Sector</b> | ING-INF/02   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 01/04/2025: 10:30-13:00<br>03/04/2025: 10:30-13:00<br>08/04/2025: 10:30-13:00<br>10/04/2025: 10:30-13:00<br>15/04/2025: 10:30-13:00<br>17/04/2025: 10:30-13:00<br>22/04/2025: 10:30-13:00<br>24/04/2025: 10:30-13:00 |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">Phd Course: Optical communications for space 2024/25   Generale   Microsoft Teams</a>   |

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| <b>Course title</b>                 | Space Commercialization  |
| <b>Lecturer</b>                     | Luca del Monte   |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 14/01/2025: 10:00-12:00<br>15/01/2025: 10:00-12:00<br>05/03/2025: 10:00-12:00<br>04/02/2025: 14:00-17:00<br>24/02/2025: 13:00-15:00<br>25/02/2025: 14:00-16:00<br>10/03/2025: 14:00-16:00<br>05/2025: 5 ore  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_MTg4Yzg2YTQtMDBiMy00NzEyLThmY2YtZTBhMTgxMjhlMDU5%40thread.v2/0?context=%7b%22Tid%22%3a%229a5cacd0-2bef-4dd7-ac5c-7ebe1f54f495%22%2c%22Oid%22%3a%22c5cd8f37-e833-434f-8d5c-7e1eab4d1843%22%7d">https://teams.microsoft.com/l/meetup-join/19%3ameeting_MTg4Yzg2YTQtMDBiMy00NzEyLThmY2YtZTBhMTgxMjhlMDU5%40thread.v2/0?context=%7b%22Tid%22%3a%229a5cacd0-2bef-4dd7-ac5c-7ebe1f54f495%22%2c%22Oid%22%3a%22c5cd8f37-e833-434f-8d5c-7e1eab4d1843%22%7d</a> |

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| <b>Course title</b>                 | Space Economy: past, present, future   |
| <b>Lecturer</b>                     | Roberto Vittori  |
| <b>Scientific Discipline Sector</b> | ING-IND/35   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 14/04/2025: 14:00-16:30<br>15/04/2025: 14:00-16:30<br>16/04/2025: 14:00-16:30<br>17/04/2025: 14:00-16:30<br>18/04/2025: 14:00-16:30<br>28/04/2025: 14:00-16:30<br>29/04/2025: 14:00-16:30<br>30/04/2025: 14:00-16:30   |
| <b>Room</b>                         | On-site / Microsoft Teams<br>Aula riunioni al II piano del DMMM<br><a href="https://teams.microsoft.com/l/team/19%3AN-vYK0VNZVre8Qh05ViUIOYF6OYMevoiP5fhq-QFFsE41%40thread.tacv2/conversations?groupId=11c7e892-fd0e-4368-9b4e-759900e747be&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AN-vYK0VNZVre8Qh05ViUIOYF6OYMevoiP5fhq-QFFsE41%40thread.tacv2/conversations?groupId=11c7e892-fd0e-4368-9b4e-759900e747be&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Contact Mechanics  |
| <b>Lecturer</b>                     | Nicola Menga   |
| <b>Scientific Discipline Sector</b> | ING-IND/13   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /Second   |
| <b>Tentative Calendar</b>           | 07/04/2025: 10:00-14:00<br>07/04/2025: 15:00-17:00<br>08/04/2025: 10:00-14:00<br>08/04/2025: 15:00-17:00<br>09/04/2025: 10:00-14:00<br>09/04/2025: 15:00-17:00<br>10/04/2025: 10:00-12:00  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AvkeCSeVTew85RjLHvI0VDek4gdOpxEu7GJGLqJofLvE1%40thread.tacv2/conversations?groupId=3e507598-c5a7-40b2-88e0-b4cf96ce1c7b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AvkeCSeVTew85RjLHvI0VDek4gdOpxEu7GJGLqJofLvE1%40thread.tacv2/conversations?groupId=3e507598-c5a7-40b2-88e0-b4cf96ce1c7b&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Numerical Approaches to Solid and Applied Mechanics: Boundary Element Methods (BEM)                      |
| <b>Lecturer</b>                     | Carmine Putignano  |
| <b>Scientific Discipline Sector</b> | ING-IND/13   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 16/01/2025: 08:20-13:20<br>23/01/2025: 08:20-13:20<br>30/01/2025: 08:20-13:20<br>06/02/2025: 08:20-13:20 |
| <b>Room</b>                         | On-site  |



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| <b>Course title</b>                 | Design of User Experience to exploit Extended Reality for the enhancement of research activities  |
| <b>Lecturer</b>                     | Michele Gattullo  |
| <b>Scientific Discipline Sector</b> | ING-IND/15  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 13/06/2025: 2 ore<br>20/06/2025: 2 ore<br>27/06/2025: 3 ore<br>30/06/2025: 2 ore<br>04/07/2025: 2 ore<br>07/07/2025: 2 ore<br>11/07/2025: 2 ore<br>14/07/2025: 3 ore<br>18/07/2025: 2 ore |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="#">SCUDO - Design of User Experience to exploit Extended Reality for the enhancement of research activities   Generale   Microsoft Teams</a>        |

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|-------------------------------------|---|
| <b>Course title</b>                 | Non-Destructive Testing (NDT) : Process, Types and Applications in Mechanical Engineering   |
| <b>Lecturer</b>                     | Ester D'Accardi   |
| <b>Scientific Discipline Sector</b> | ING-IND/14  |
| <b>Hours of instruction</b>         | 20 hours  |
| <b>CFU</b>                          | 2 credit (ECTS)   |
| <b>Year/Semester</b>                | Second /Second  |
| <b>Tentative Calendar</b>           | 17/06/2025: 15:00-17:00<br>19/06/2025: 15:00-17:00<br>24/06/2025: 15:00-17:00<br>26/06/2025: 15:00-17:00<br>01/07/2025: 15:00-17:00<br>03/07/2025: 15:00-17:00<br>15/07/2025: 15:00-18:00<br>17/07/2025: 15:00-18:00<br>22/07/2025: 15:00-17:00 |
| <b>Room</b>                         | On-site   |

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| <b>Course title</b>                 | Digital Manufacturing for Biomedical Applications  |
| <b>Lecturer</b>                     | Giuseppe Casalino  |
| <b>Scientific Discipline Sector</b> | ING-IND/16   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | <p>21/01/2025: 11:50-13:30<br/> 03/02/2025: 11:50-13:30<br/> 04/02/2025: 11:50-13:30<br/> 06/02/2025: 11:50-13:30<br/> 10/02/2025: 11:50-13:30<br/> 12/02/2025: 11:50-13:30<br/> 13/02/2025: 11:50-13:30<br/> 17/02/2025: 11:50-13:30<br/> 18/02/2025: 11:50-13:30<br/> 20/02/2025: 11:50-13:30</p> <p>200 minutes office hours and complementary activities agreed upon by the students will be delivered</p>   |
| <b>Room</b>                         | <p>On-site Aula n. 13 / Microsoft Teams<br/> <a href="https://teams.microsoft.com/l/team/19%3AjXjaN9GfCvvlQkJQR-goOggPGxQI8tAY9MfpUL1jgqI1%40thread.tacv2/conversations?groupId=5e84906f-3cd6-4966-9288-05621a7463fe&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AjXjaN9GfCvvlQkJQR-goOggPGxQI8tAY9MfpUL1jgqI1%40thread.tacv2/conversations?groupId=5e84906f-3cd6-4966-9288-05621a7463fe&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a></p> |

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| <b>Course title</b>                 | Manufacturing modeling and simulation  |
| <b>Lecturer</b>                     | Nicola Contuzzi  |
| <b>Scientific Discipline Sector</b> | ING-IND/16   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 21/01/2025: 14:30-16:30<br>23/01/2025: 14:30-16: 30<br>28/01/2025: 14:30-16: 30<br>30/01/2025: 14:30-16: 30<br>04/02/2025: 14:30-16: 30<br>06/02/2025: 14:30-16: 30<br>11/02/2025: 14:30-16: 30<br>13/02/2025: 14:30-16: 30<br>18/02/2025: 14:30-16: 30<br>20/02/2025: 14:30-16: 30  |
| <b>Room</b>                         | On-site / Microsoft Teams<br><a href="https://teams.microsoft.com/l/team/19%3AwjJV5V8sU5jIRbiKlo-CIhRb1Nsk8tRFaV_fP7BuXnuQ1%40thread.tacv2/conversations?groupId=619140ce-f8df-494b-8d35-84d88ad062d9&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332">https://teams.microsoft.com/l/team/19%3AwjJV5V8sU5jIRbiKlo-CIhRb1Nsk8tRFaV_fP7BuXnuQ1%40thread.tacv2/conversations?groupId=619140ce-f8df-494b-8d35-84d88ad062d9&amp;tenantId=5b406aab-a1f1-4f13-a7aa-dd573da3d332</a> |

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| <b>Course title</b>                 | Adjoint methods for gradient-based optimisation and control of energy systems  |
| <b>Lecturer</b>                     | Alessandro Giannotta   |
| <b>Scientific Discipline Sector</b> | ING-IND/08   |
| <b>Hours of instruction</b>         | 20 hours   |
| <b>CFU</b>                          | 2 credit (ECTS)  |
| <b>Year/Semester</b>                | Second /First  |
| <b>Tentative Calendar</b>           | 14/01/2025: 16:30-19:00<br>16/01/2025: 16:30-19:00<br>21/01/2025: 16:30-19:00<br>23/01/2025: 16:30-19:00<br>28/01/2025: 16:30-19:00<br>30/01/2025: 16:30-19:00<br>04/02/2025: 16:30-19:00<br>06/02/2025: 16:30-19:00   |
| <b>Room</b>                         | On-site<br><a href="https://teams.microsoft.com/l/channel/19%3ABiliXZePYvhiGyE_aKYvCOxmPrI7vR-AbA7utIbFGS81%40thread.tacv2/?groupId=98f2bd68-4933-40b0-816d-39de1138b365">https://teams.microsoft.com/l/channel/19%3ABiliXZePYvhiGyE_aKYvCOxmPrI7vR-AbA7utIbFGS81%40thread.tacv2/?groupId=98f2bd68-4933-40b0-816d-39de1138b365</a> |