

CV of Prof. Ing. Michele Ciavarella (ENGLISH)

Born in Bari in ----, he graduates from Politecnico di BARI in Mech Eng in 1994 cum Laude and first of his cohort, and receives the PhD (“dottorato”) in Mech Eng (“ingegneria dei sistemi avanzati di produzione) at Politecnico di BARI, spending most of his PhD time from March ‘96 to Aug. ’97 at University of Oxford under Prof. DA Hills. In the mean time he has been Officer of the Italian Navy, and representative of all Italian office in the organism COCER by election.

From Oct. 1998 to Feb.1999 Senior Research Fellow (full time), University of Southampton, UK

From Feb 1999 - Ott 2002, Senior Researcher, Consiglio Nazionale delle Ricerche (Italian National Research Council), Bari, It. The youngest in Italy nominated to this senior position at age 28.

From Nov. 2002 to Nov.2017, Associate Professor at Politecnico di BARI (It), SSD Ing-Ind14 --- Machine Design. With Italian Habilitation to full professor in sector 09/A – Mechanical and aerospace engineering, obtained in 2014

Presently, and since nov. 2017, Full professor at Politecnico di BARI (It).

Included in the list of the Top Italian Scientists in Engineering (rank 121st) in the world
http://www.topitalianscientists.org/TIS_HTML/Top_Italian_Scientists_Engineering.htm

Ranked first by impact in the Ioannides Stanford ranking of Plos Biology in Politecnico di BARI, 4th in Italy in “mechanics”, and 56 000th in the word in the entire set of 6 million researchers in SCOPUS.

From Oct.10 to Oct. 12, Humboldt Senior Research Fellow (6 months/year), Technical Univ. Hamburg Harburg (G), working on squeak on hip prosthesis

From Dec.07 to Sept 08 “Maitre de conférence” at Lab Mécanique des Solides Ecole Polytechnique Palaiseau(Fr) (sabbatical leave), working on fatigue models, corrugation of railways tracks,

From Jan. 2000 to Sept. 2006, Senior Research Fellow (part time), University of Southampton, UK

From Feb. 1998 to Aug.1998, Post-doc with Prof. D. A. Hills, University of Oxford, UK. Fretting fatigue and contact mechanics

From Jul. 1997 to Aug.1997, Research Fellow with Prof. JR Barber, University of Michigan, Ann Arbor USA. Thermoelastic instabilities in brakes and clutches

Conference organization

* Co-organizer of the world conference ICEM12 (Int Conf on Experimental Mechanics, www.icem12.poliba.it) in Bari, Italy, 29 Aug.-2 Sept. 2004.

* Co-organizer of the world conference Icf11 (International Congress on Fracture, www.icf11.com) in Torino, March 2005

* International Scientific Committee of the world conference Icf (International Congress on Fracture) 2009, 2013

* Co-organizer of the Italian conference on Fracture, in Bari, June 2000

Journal board memberships

- Member of Editorial Board of International Journal of Aerospace and Lightweight Structures (IJALS), from 2011-
- Member of Editorial Board of International Journal of Solids & Structures, from Sept. 05 to May 08.
- Member of Editorial Board of Fat Fract Eng Mat & Struct, from Feb. 07-Feb. 12.
- Member of Editorial Board of Acta Tribologica from Dec. 08-.
- Member of editorial board of Int J Mechanical Science, Elsevier, Impact factor 2.88, since 2017.

Administrative roles

- Rector's delegate for Politecnico di BARI for research with CNR (from 2010-2014)

Scientific committees membership

- Member of International Scientific Committee of CISIT - International Campus on Safety and Intermodality in Transportation, set in 2007 to address strategic aspects of transport in Nord Pas de Calais. This center groups 360 people, researchers, teachers, engineers, post-graduates, post-doctorates and assistants, and for 2007-2013 period, disposed of 46 M€ budget from various regional-state-european sources. Includes Ecole Centrale de Lille , Ecole des Mines de Douai, Université d'Artois, Université des Sciences et Technologies de Lille, Université de Valenciennes et du Hainaut-Cambrésis, IFFSTTAR, ONERA, and other research centers.
- International Panel member of Phd Programs in Mechanics at Ecole Centrale de Lille, Univ Valencia, Univ Sevilla, Politecnico di Torino

Research interests

His interests are in contact mechanics, adhesion, tribology, friction, wear, fatigue, fracture mechanics of elastic and viscoelastic media, corrugation of railways tracks, delamination and peeling.

H-index and other bibliometric data (on scopus)

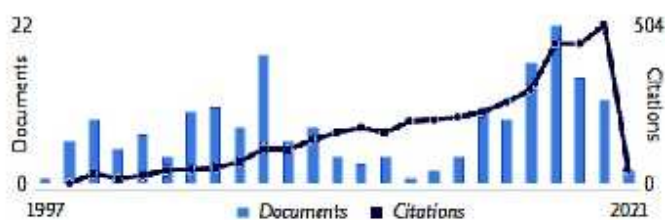
Metrics overview

198 Documents by author

3969 Citations by 2617 documents

34 h-index:

Document & citation trends



Participation in conferences

Has participated to many conferences of national and international standing, on the subjects of solid mechanics, fatigue, fracture, contact mechanics. He has taken part to almost all the editions of the Italian conference AIAS (from 1995), to various editions of the conference of the Italian Group of Fracture (IGF), to at least 2 International Congress of Fracture (ICF), etc.

Notable invited speeches at IMAC Conference and Exposition on Structural Dynamics 2014 ; 12th International Conference on Fracture 2009, ICF-12; ASME/STLE International Joint Tribology Conference, IJTC 2007; 11th International Conference on Fracture 2005, ICF11; ASME/STLE International Joint Tribology Conference, IJTC 2004; 2003 STLE/ASME Joint International Tribology Conference; Ponte Vedra Beach, FL; Fretting Fatigue: Advances in Basic Understanding and Applications; Nagaoka, Japan; 15 May 2001; The 2nd International Symposium on Fretting Fatigue: Current Technology and Practices; Salt Lake City, UT, USA; ; 31 August 1998 ; PACAM 1999

In particular, we remark invited lectures below.

Selection of special awards & invited lectures

- * Invited visiting “maitre de conference” at Ecole Polytechnique, Paris Palaiseau, Dec 07/Oct 2008
- * Invited at NSF workshop on Friction modelling in Washington 14-15 Oct 2006
- * Invitato at SNL/AWE/NSF International Workshop on Joint Mechanics, Dartington, United Kingdom, 27–29 April 2009
- * Invited lecture at Thermo-mechanical modelling of solids – Ecole Polytechnique, Paris Palaiseau 9-12 July 2007
- * Invited by the US Air Force (*WOS Windows On Science* program) to a cycle of conferences on Fretting Fatigue at MIT (Prof. Subra Suresh), Purdue University (Prof. T. Farris), Wright Patterson AF Research Lab (Dr. Ted Nicholas), UC Berkeley (Prof. Robert Ritchie), February, 2000. For presenting the work on Fretting to the Universities and the labs connected to the MU (Multi University Research Initiative) of the USAF
- * Invited by the Inst. of Physics (UK) to give a lecture at the workshop “Tribological Failure Mechanisms in Repeated Rolling Contacts” – Robinson College, Cambridge - 22 July 2003
- * Invited by the Inst. of Physics (UK) to give a lecture at the workshop “Contact Mechanics”, Bristol, march 2004
- * 1998 Capocaccia National Prize of the Italian Stress Analysis Association (AIAS), for outstanding contribution to the study of frictional contact.
- * CNR final prize after the grant spent in Feb. 1998 – August 1998 at University of Oxford, UK
- * CNR “short term” fellowship travel grants: in July-August 1997, to University of Michigan, visiting Prof. JR Barber, in July-August 1999, to University of Oxford, visiting Prof. DA Hills, in July-August 2000, to University of Harvard, visiting Prof. JR Rice, in July-August 2001, to University of Oxford, visiting Dr. D. Nowell

Selection of grants

* *Centre of Excellence in Computational Mechanics (CEMeC)*, from 2001--ongoing, as **co-PI** and member of Managing Board (PI prof. Michele Napolitano). Also, Director of research line on “Thermoelastic and Fatigue contact problems”, at Politecnico di Bari. Funded by Italian Minister for Research and Education with **750 kEu**. Popped up grant by Politecnico di Bari to 1MEu.

PROMOMAT project* on multiscale computational mechanics for hi/tech composite materials and coatings, involving a large number of companies and academic partners in Italy. 2002-ongoing. **PI, about **100 kEu**.

Research project of national interest (PRIN2004)*, 2005-2006, on “Residual and multiaxial stress states in rolling contact fatigue problems”, **PI, funded locally with **30.4kEu**

Vigoni project*, 2006-2007 as **PI with University of Hamburg and Stuttgart. Funded by DAAD and CRUI, with **5 kEu**.

**Galileo project 2004/2005 Egide/ CRUI Conferenza dei Rettori*, 2002, with Dr. Robert Wood & Dr. Singellakis (Univ. Southampton):- Optimisation and testing of surface protection coatings for hot components of turbines. Travel Grant. Funded for ≈US\$ 5k.

AUTOCON - Brite Euram European Network Framework V Project on "Intermittency in Electrical Connectors"*, 2002-2006, **local PI, Coordinator: Dr. John McBride (Univ. Southampton). Funded locally with **100 kEu**.

*Network on COmputational MEchanics of Solids (COMES), CNR, PI, 1999-2001, ITL 40 ml. (≈**20kEu**). Funded.

*“Progetto Finalizzato Materiali Speciali per Tecnologie Avanzate II - PFMSTA II” **co/PI** with DPPI-Politecnico di Ba(Proff. Monno e Demelio), CNR, 1999-2000, ITL.29 ml. (≈**15kEu**).

Spin offs

*Co-founder of the “Polimech” small consulting spin-off company of Politecnico di BARI, dealing with various small projects with local companies.

Teaching activities

* 1999-2002 course on “Machine Design”, University of Potenza (It)

* 2002- to date. Teaching 12 ECTS courses, generally 2 undergraduate (BSc) courses on “Machine Design” & “Mechanics and strength of Materials”, and often 1 graduate course (MSc level) on “FEM in Mechanical Design”. Politecnico di Bari (It). Has occasionally given courses in “Optimization methods”, “Experimental mechanics”.

* 2015- to date. Has been teaching at Phd level “Contact mechanics”, and “Hands-on-Ansys”.

Students thesis

More than 30 Master thesis, and about 10 Phd thesis (Paolo Decuzzi, Vito Tagarielli, Luciano Afferrante, Sonia di Bello (withdrawn), Cosmo Murolo, Carmine Putignano, Pietro D’Antuono), and collaboration with various phd thesis at U Michigan (Yun Bo Yi, Yong Hoon Jang) and U Oxford (P Blomerus, D Dini).

Some former students

D Dini, MSc 1999, presently Professor of Tribology at Imperial College UK Mechanical Engineering

L Afferrante, Phd 2003, presently Associate Professor, Politecnico di Bari, It

P. Decuzzi, Phd, 2002, presently Senior Researcher at Italian Institute of Technology

V Tagarielli, MSc 1999, presently Sen. Lecturer at Imperial College UK Aeronautical Engineering

A Cirilli, MSc 2001, presently CEO, Getrag, Mexico

F Giove, MSc 2002, presently director of R&D, CCValve, USA

Pietro D’Antuono, presently post-doc and spin-off manager, Bruxelles

And others

Key collaborations

Papers have been written in collaboration with colleagues from Michigan U (Jim Barber), Oxford U (David Hills, David Nowell), Harvard U (Jim Rice, Joost Vlassak), Ecole Polytechnique (H.Maitournam, A. Constantinescu), Politecnico di Torino (Dino Chiaia, Nicola Pugno, Marco Paggi, and Alberto Carpinteri), Leicester U in UK (Alan Ponter), Università di Padova (Paolo Lazzarin), Università di Modena (Antonio Strozzi), Univ Hamburg (N. Hoffmann). Imperial College (D. Dini, V. Tagarielli), and many others.

Reviewing activities

Regular reviewer for journals in mechanical engineering, including • Tribology International • Wear • International Journal of Solids and Structures • International Journal of Mechanical Science • Journal of Mechanical Engineering Science • Applied Thermal Engineering • Tribology International • ASME - Journal of Tribology • Mathematical Problems in Engineering • Journal of Vibration and Control • Journal of Engineering Mathematics • Applications and Applied Mathematics • The Open Mechanics Journal

List of papers on international journals ISI

SCOPUS

EXPORT DATE:04 JAN 2021

CIAVARELLA, M.

COMMENTS ON OLD AND RECENT THEORIES AND EXPERIMENTS OF ADHESION OF A SOFT SOLID TO A ROUGH HARD SURFACE

(2021) TRIBOLOGY INTERNATIONAL, 155, ART. NO. 106779, .

[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097218571&doi=10.1016%2FJ.TRIBOINT.2020.106779&partnerid=40&md5=BF36D34E8B3B4A01590EF9B3A6ABADEC)

[85097218571&DOI=10.1016%2FJ.TRIBOINT.2020.106779&PARTNERID=40&MD5=BF36D34E8B3B4A01590EF9B3A6ABADEC](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097218571&doi=10.1016%2FJ.TRIBOINT.2020.106779&partnerid=40&md5=BF36D34E8B3B4A01590EF9B3A6ABADEC)

DOI: 10.1016/J.TRIBOINT.2020.106779

DOCUMENT TYPE: ARTICLE

SOURCE: SCOPUS

ZAZA, D., CIAVARELLA, M., ZURLO, G.

STRAIN INCOMPATIBILITY AS A SOURCE OF RESIDUAL STRESS IN WELDING AND ADDITIVE MANUFACTURING

(2021) EUROPEAN JOURNAL OF MECHANICS, A/SOLIDS, 85, ART. NO. 104147, .

[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093660890&doi=10.1016%2FJ.EUROMECHSOL.2020.104147&partnerid=40&md5=FAC058239B6D8A0005157074ED5177DC)

[85093660890&DOI=10.1016%2FJ.EUROMECHSOL.2020.104147&PARTNERID=40&MD5=FAC058239B6D8A0005157074ED5177DC](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093660890&doi=10.1016%2FJ.EUROMECHSOL.2020.104147&partnerid=40&md5=FAC058239B6D8A0005157074ED5177DC)

DOI: 10.1016/J.EUROMECHSOL.2020.104147

DOCUMENT TYPE: ARTICLE

SOURCE: SCOPUS

PAPANGELO, A., LOVINO, R., CIAVARELLA, M.

ELECTROADHESIVE SPHERE-FLAT CONTACT PROBLEM: A COMPARISON BETWEEN DMT AND FULL ITERATIVE FINITE ELEMENT SOLUTIONS

(2020) TRIBOLOGY INTERNATIONAL, 152, ART. NO. 106542, .

[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089285606&doi=10.1016%2FJ.TRIBOINT.2020.106542&partnerid=40&md5=391C5F26CB5A71F27A14AAACC3F26509)

[85089285606&DOI=10.1016%2FJ.TRIBOINT.2020.106542&PARTNERID=40&MD5=391C5F26CB5A71F27A14AAACC3F26509](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089285606&doi=10.1016%2FJ.TRIBOINT.2020.106542&partnerid=40&md5=391C5F26CB5A71F27A14AAACC3F26509)

DOI: 10.1016/J.TRIBOINT.2020.106542
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

PAPANGELO, A., CRICRÌ, G., CIAVARELLA, M.
ON THE EFFECT OF THE LOADING APPARATUS STIFFNESS ON THE EQUILIBRIUM AND
STABILITY OF SOFT ADHESIVE CONTACTS UNDER SHEAR LOADS
(2020) JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS, 144, ART. NO. 104099, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-
85088637685&DOI=10.1016%2FJ.JMPS.2020.104099&PARTNERID=40&MD5=BA7F2F61A9D06437A3B7
5B62B428D0F7](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088637685&doi=10.1016%2FJ.JMPS.2020.104099&partnerid=40&md5=BA7F2F61A9D06437A3B75B62B428D0F7)

DOI: 10.1016/J.JMPS.2020.104099
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

PAPANGELO, A., CIAVARELLA, M.
A NUMERICAL STUDY ON ROUGHNESS-INDUCED ADHESION ENHANCEMENT IN A SPHERE
WITH AN AXISYMMETRIC SINUSOIDAL WAVINESS USING LENNARD-JONES INTERACTION LAW
(2020) LUBRICANTS, 8 (9), ART. NO. 90, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-
85091713900&DOI=10.3390%2FLUBRICANTS8090090&PARTNERID=40&MD5=7045ADAB5251D72A0F
5C1AD581DD35E0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091713900&doi=10.3390%2FLUBRICANTS8090090&partnerid=40&md5=7045ADAB5251D72A0F5C1AD581DD35E0)

DOI: 10.3390/LUBRICANTS8090090
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

CIAVARELLA, M., PAPANGELO, A.
ON THE DEGREE OF IRREVERSIBILITY OF FRICTION IN SHEARED SOFT ADHESIVE CONTACTS
(2020) TRIBOLOGY LETTERS, 68 (3), ART. NO. 81, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-
85088450310&DOI=10.1007%2FS11249-020-01318-
5&PARTNERID=40&MD5=C2ADED476782D8752CB08F97D054D5E2](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088450310&doi=10.1007%2FS11249-020-01318-5&partnerid=40&md5=C2ADED476782D8752CB08F97D054D5E2)

DOI: 10.1007/S11249-020-01318-5
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

QIAO, Y., CIAVARELLA, M., YI, Y.-B., WANG, T.
EFFECT OF WEAR ON FRICTIONALLY EXCITED THERMOELASTIC INSTABILITY: A FINITE
ELEMENT APPROACH
(2020) JOURNAL OF THERMAL STRESSES, 43 (12), PP. 1564-1576.
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-
85088857297&DOI=10.1080%2F01495739.2020.1792379&PARTNERID=40&MD5=3DE9D2EADFE886321
3213FF60C76391A](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088857297&doi=10.1080%2F01495739.2020.1792379&partnerid=40&md5=3DE9D2EADFE8863213213FF60C76391A)

DOI: 10.1080/01495739.2020.1792379
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

CIAVARELLA, M.
UNIVERSAL FEATURES IN “STICKINESS” CRITERIA FOR SOFT ADHESION WITH ROUGH SURFACES
(2020) TRIBOLOGY INTERNATIONAL, 146, ART. NO. 106031, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85074323097&DOI=10.1016%2FJ.TRIBOINT.2019.106031&PARTNERID=40&MD5=28990343DD0D89C02FCD358A6807B094](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074323097&doi=10.1016%2FJ.TRIBOINT.2019.106031&partnerid=40&md5=28990343DD0D89C02FCD358A6807B094)

DOI: 10.1016/J.TRIBOINT.2019.106031
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

D'ANTUONO, P., CIAVARELLA, M.
MEAN STRESS EFFECT ON GAßNER CURVES INTERPRETED AS SHIFTED WÖHLER CURVES AND APPLICATION TO SMOOTH AND NOTCHED GEOMETRIES
(2020) FATIGUE AND FRACTURE OF ENGINEERING MATERIALS AND STRUCTURES, 43 (4), PP. 818-830.
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85080826743&DOI=10.1111%2FFFE.13197&PARTNERID=40&MD5=0E7BAAC9D4ECC11DA80BE98B01650EE1](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080826743&doi=10.1111%2FFFE.13197&partnerid=40&md5=0E7BAAC9D4ECC11DA80BE98B01650EE1)

DOI: 10.1111/FFE.13197
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

CIAVARELLA, M., PAPANGELO, A., BARBER, J.R.
EFFECT OF WEAR ON THE EVOLUTION OF CONTACT PRESSURE AT A BIMATERIAL SLIDING INTERFACE
(2020) TRIBOLOGY LETTERS, 68 (1), ART. NO. 27, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85078308499&DOI=10.1007%2FS11249-020-1269-1&PARTNERID=40&MD5=0A57BF87306BA69EF7C70114E72E0911](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078308499&doi=10.1007%2FS11249-020-1269-1&partnerid=40&md5=0A57BF87306BA69EF7C70114E72E0911)

DOI: 10.1007/S11249-020-1269-1
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

PAPANGELO, A., CIAVARELLA, M.
THE EFFECT OF WEAR ON THERMOELASTIC INSTABILITIES (TEI) IN BIMATERIAL INTERFACES
(2020) TRIBOLOGY INTERNATIONAL, 142, ART. NO. 105977, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85072729130&DOI=10.1016%2FJ.TRIBOINT.2019.105977&PARTNERID=40&MD5=B3532016EA98E8F08504E7FD5FB52BD1](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072729130&doi=10.1016%2FJ.TRIBOINT.2019.105977&partnerid=40&md5=B3532016EA98E8F08504E7FD5FB52BD1)

DOI: 10.1016/J.TRIBOINT.2019.105977
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

CIAVARELLA, M., CRICRÌ, G.
ON THE APPLICATION OF FRACTURE MECHANICS MIXED-MODE MODELS OF SLIDING WITH FRICTION AND ADHESION
(2020) BIOINSPIRATION AND BIOMIMETICS, 15 (1), ART. NO. 015003, .

[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85075813350&DOI=10.1088%2F1748-3190%2FAB53C0&PARTNERID=40&MD5=17CC0AEA2CF927D6401A393528404B8D](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075813350&doi=10.1088%2F1748-3190%2FAB53C0&partnerid=40&md5=17CC0AEA2CF927D6401A393528404B8D)

DOI: 10.1088/1748-3190/AB53C0
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

ARGATOV, I., PAPANGELO, A., CIAVARELLA, M.
ELLIPTICAL ADHESIVE CONTACT UNDER BIAXIAL STRETCHING
(2020) PROCEEDINGS OF THE ROYAL SOCIETY A: MATHEMATICAL, PHYSICAL AND
ENGINEERING SCIENCES, 476 (2233), ART. NO. 20190507, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85079666474&DOI=10.1098%2FRSPA.2019.0507&PARTNERID=40&MD5=3035FDFD870523EF14703D7E7D6E81CA](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079666474&doi=10.1098%2FRSPA.2019.0507&partnerid=40&md5=3035FDFD870523EF14703D7E7D6E81CA)

DOI: 10.1098/RSPA.2019.0507
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

GENOVESE, A., CARPUTO, F., CIAVARELLA, M., FARRONI, F., PAPANGELO, A., SAKHNEVYCH, A.
ANALYSIS OF MULTISCALE THEORIES FOR VISCOELASTIC RUBBER FRICTION
(2020) LECTURE NOTES IN MECHANICAL ENGINEERING, PP. 1125-1135.
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85083988850&DOI=10.1007%2F978-3-030-41057-5_91&PARTNERID=40&MD5=A95121B30C91265B59378063256E13A3](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083988850&doi=10.1007%2F978-3-030-41057-5_91&partnerid=40&md5=A95121B30C91265B59378063256E13A3)

DOI: 10.1007/978-3-030-41057-5_91
DOCUMENT TYPE: CONFERENCE PAPER
SOURCE: SCOPUS

D'ANTUONO, P., CIAVARELLA, M.
CITATION DOPING NOT FOR ITALY'S ELITES
(2019) NATURE, 574 (7778), P. 333.
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85073406439&DOI=10.1038%2FD41586-019-03119-W&PARTNERID=40&MD5=795772C9A25FB7C9E16F14E358A9E563](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073406439&doi=10.1038%2FD41586-019-03119-W&partnerid=40&md5=795772C9A25FB7C9E16F14E358A9E563)

DOI: 10.1038/D41586-019-03119-W
DOCUMENT TYPE: NOTE
SOURCE: SCOPUS

GENOVESE, A., FARRONI, F., PAPANGELO, A., CIAVARELLA, M.
A DISCUSSION ON PRESENT THEORIES OF RUBBER FRICTION, WITH PARTICULAR REFERENCE
TO DIFFERENT POSSIBLE CHOICES OF ARBITRARY ROUGHNESS CUTOFF PARAMETERS
(2019) LUBRICANTS, 7 (10), ART. NO. 85, .
[HTTPS://WWW.SCOPUS.COM/INWARD/RECORD.URI?EID=2-S2.0-85074530862&DOI=10.3390%2FLUBRICANTS7100085&PARTNERID=40&MD5=5B3F59E6BF487A86890413F7960C7397](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074530862&doi=10.3390%2FLUBRICANTS7100085&partnerid=40&md5=5B3F59E6BF487A86890413F7960C7397)

DOI: 10.3390/LUBRICANTS7100085
DOCUMENT TYPE: ARTICLE
SOURCE: SCOPUS

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