



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Eugenio Lippiello**

Address(es) Via Matteotti 35,80042, Boscotrecase (NA), Italy

Telephone(s) +390823274659 Mobile: +393478509281

Fax(es) +390823374714

E-mail [eugenio.lippiello@unicampania.it](mailto:eugenio.lippiello@unicampania.it); [eugenio.lippiello@gmail.com](mailto:eugenio.lippiello@gmail.com)

Nationality Italy

Date of birth 02 April 1975

### Work experience

2001-2004 Dipartimento di Fisica "E.R. Caianiello" Università degli studi di Salerno.  
Position held Research fellow

2004-2005 Dipartimento di Scienze Fisiche dell'Università di Napoli "Federico II"  
Position held Research fellow

2005-2006 Dipartimento di Fisica "E.R. Caianiello" Università degli studi di Salerno.  
Position held Research fellow

2005-2006 I.P.S.I.A. "G. Marconi" di Vallo della Lucania, Salerno.  
Position held Physics Teacher

2006-2007 Dipartimento di Scienze Fisiche dell'Università di Napoli "Federico II"  
Position held Research fellow

2007-2008 CNISM presso la Seconda Università di Napoli  
Position held Research fellow

2009-2017 Seconda Università di Napoli  
Position held Assistant Professor, SSD GEO/10

2017-2020 Università della Campania "L. Vanvitelli"  
Position held Associate Professor, SSD FIS/02

2021- Università della Campania "L. Vanvitelli"  
Position held Full Professor, SSD FIS/02

### Education and training

1988-1993 Liceo Scientifico "G. Rummo", Benevento  
Maturità Scientifica Final mark 60/60

1993-1998 Summa cum laude at the University of Salerno with Prof. Marco Zannetti. Thesis in Statistical  
Laurea in Physics cum Laude Mechanics: "Deviazioni dal teorema fluttuazione dissipazione nella dinamica dell'ordinamento di fase"

1998-2001 Doctorate of Philosophy (Ph.D.) in Physics at the University of Salerno with Prof. Marco Zannetti.  
PHD in Physics Thesis in Statistical Mechanics: "The response function of coarsening systems: a connection between  
statics and dynamics"

#### Research Periods Abroad

July 2010 Centre de Recerca Matemàtica at the Universitat Autònoma de Barcelona  
September 2012 ISTERRE at the Joseph Fourier University, Grenoble, FRANCE  
September- October 2014 Kavli Institute for Theoretical Physics at the UNIVERSITY OF CALIFORNIA, SANTA BARBARA  
August 2019 Earthquake Research Institute at the University of Tokyo, JAPAN  
May 2022 Visiting Professor at Department of Geophysics, Aristotle University of Thessaloniki, GREECE

#### Personal skills and competences

Mother tongue(s) **Italian**

Other Languages **English (B2)**

**Teaching competences** Mechanics, Thermodynamics, Mathematical Methods for Physics, Statistical Mechanics, Geophysics

**TEACHING EXPERIENCE**

A.A. 2001/02 University of Salerno	Tutorial course of “Fisica 1”, Corso di Laurea in Fisica
A.A. 2002/03 University of Salerno	Tutorial course of “Meccanica Razionale”, Corso di Laurea in Fisica
A.A. 2008/09 up to A.A. 2009/10 Second University of Napoli	Professor of “Matematica di base” (4 CFU), Corso di Laurea in Scienze Ambientali
A.A. 2009/10 up to A.A. 2010/11 Second University of Napoli	Professor of “Laboratorio di Fisica 1” (4 CFU), Corso di Laurea in Scienze Ambientali
A.A. 2009/10 up to A.A. 2012/13 Second University of Napoli	Professor of “Fisica Terrestre” (6 CFU) Corso di Laurea in Scienze Ambientali
A.A. 2011/12 up to A.A. 2012/13 Second University of Napoli	Professor of “Fisica 1” (7 CFU), Corso di Laurea in Scienze Ambientali
2012 Joseph Fourier University of Grenoble	Invited professor for the Master2 of UJF earth science program, 2012, « multi-scale rocks failure mechanics » unit. Teaching class “Scaling approaches to seismic occurrence” (2 CFU)
A.A. 2013/14 up to A.A. 2019/20 Second University of Napoli	Professor of “Metodi Matematici per la Fisica” (8 CFU), Corso di Laurea in Fisica
2013 SeisMath (l’Aquila)– Mathematical Modelling in Seismology	Invited professor for the Summer School “Seismic forecasting from correlations in earthquake catalogs” (2CFU)
2014 University of Salerno	PHD “Matematica, Fisica e Applicazioni” Teaching class “Branching Models, Criticality and Self-Organized criticality” (2CFU)
2014 MERqs – Modelling Earthquakes	Invited Professor for the Programma Intensivo Erasmus (University of l’Aquila) Teaching class in “An introduction to statistical seismology” (2 CFU)
2017 University of Campania “L. Vanvitelli”	PHD “Matematica, Fisica e Applicazioni per l’Ingegneria” Teaching class “Branching models, criticality and self-organized criticality” (2 CFU)
A.A. 2017/18 up to A.A 2019/20 University of Campania “L. Vanvitelli”	Professor of “Termodinamica e complementi di Meccanica” (8 CFU), Corso di Laurea in Fisica
A.A. 2020/21 up to A.A 2023/24 University of Campania “L. Vanvitelli”	Professor of “Metodi Matematici per la Fisica” (8 CFU), Corso di Laurea in Fisica
A.A. 2020/21 up to A.A 2023/24 University of Campania “L. Vanvitelli”	Professor of “Statistical Mechanics” (8 CFU), MsC degree in Physics
A.A. 2021/22 up to A.A 2023/24 University of Campania “L. Vanvitelli”	Professor of “Modeling of Complex Systems” (4 CFU), MsC degree in Physics
Marzo 2023	Teaching class “Stochastic Processes and Analysis of Correlations” (4CFU) within the PHD program for Southern Universities Physics Research Agreement

<b>Scientific Supervision</b>	Supervisor of the PHD thesis of Dr. Valentina Esposito (XXIX cycle), Dr. Giuseppe Petrillo (XXXII cycle) and Dr. Fabrizio Rippa (XXXIX cycle). Supervisor within the Erasmus convention with the Aristotle University of Thessaloniky of the PHD thesis of Dr. Polytzois Bountzis. Supervisor of the Post-Doc students Dr. Ferdinando Giacco and Dr. Pedro Didier Neta, Supervisor of the Master Thesis in Physics of Dr. Jacopo Garofalo Supervisor of the Bachelor thesis in of Alessandro Prositto, and Davide Marro Supervisor of the Bachelor thesis in Environmental Sciences of Daniel Romualdo Gilardi, Ilaria di Bernardo, Marco Provolo, Fabio Antonucci
<b>Academic Charges</b>	
2008-12	Responsible of "VERIFICHE DELLE CONOSCENZE PER L'INGRESSO AI CORSI DI LAUREA SCIENTIFICI" for the Faculty of Scienze Farmaco Ambiente Salute of the Second University of Napoli
2013	Member of the Academic Board of the PHD "Matematica, Fisica e Applicazioni", University of Salerno
2015-18	Member of the Academic Board for the orientation activity at the Department of Matematica e Fisica, University of Campania "L. Vanvitelli"
2017-	Member of the Academic Board of the PHD "Matematica, Fisica e Applicazioni per l'Ingegneria", University of Campania "L. Vanvitelli"
2018-	Responsible of the Academic Board for the "Assicurazione della Qualità", Corso di Laurea in Fisica, University of Campania, "L. Vanvitelli"
2021-	President of the master degree program in Physics at University of Campania, "L. Vanvitelli"
2021-23	Member of the committee for the National Academic Qualification in the subject area 02/A2 (Theoretical Physics of fundamental interactions)
<b>Qualifications</b>	
2000	Abilitazione per l'insegnamento nella scuola media superiore per la classe di concorso 38A (Fisica).
2010	National Academic Qualification as Associate Professor in three different subject areas related to the object of the selection process: 02/A2 (Theoretical Physics of fundamental interactions), 02/B2 (Theoretical Physics of Matters) and 04/A4 (Geophysics).
2018	National Academic Qualification as Full Professor in two different subject areas related to the object of the selection process: 02/A2 (Theoretical Physics of fundamental interactions) and 04/A4 (Geophysics).
<b>Financed Projects</b>	
<u>Research Unit Responsible</u>	
2008	Research Unit responsible in the project "Transizione di unjamming nei materiali granulari e precursori sismici: teoria, esperimenti e simulazioni" (FIRB2008 RBFR081IUK) (Funds allocated to Unit 129k€)
2018	Research Unit responsible in the project "Coarse-grained description for non-equilibrium systems and transport phenomena" (PRIN 201798CZLJ) (Funds allocated to Unit 143k€)
2019	Research Unit responsible in the project, VALERE 2019, "Enhancing the Energetic Performance of Self-Sustained Wireless Sensor Networks" (Funds allocated to Unit 84k€)
2023	PI of the project "Testing the potential impact of foreshock occurrence in the improvement of seismic risk management" P202247YKL (Funds allocated 240k€)
<u>Research Unit Member</u>	
2003	PRIN 2003 "Fisica delle interazioni fondamentali: teorie di gauge, gravità e stringhe", member of the research unit of the University of Salerno, responsible prof. Marco Zannetti
2005	"Analysis and Monitoring of Environmental Risk", funded by European Community (Measure 3.16), member of the research group INFN responsible Prof. Lucilla de Arcangelis
2006	Project P.A. (I.N.F.M.) "Out of Equilibrium Generalization of the Fluctuation-Dissipation Relation" (2005-2006), member of the research group responsible Dr. Federico Corberi
2015	Program WISCH "Tecnologie avanzate per la sicurezza e la protezione del territorio e dello spazio" (2015-2016). Member of the research group at the Second University of Naples responsible Prof. Luigi Zeni
<b>NON-Financed Projects</b>	
2012	PRIN 2012 "Meccanica delle faglie e processi di generazione dei terremoti". Research unit responsible, national P.I. Prof. Aldo Zollo. Project admitted to the second phase. Final Score 13.33/15.
2015	PRIN 2015 "Earthquake Generation Processes and Implications for the Next Generation of Earthquake Early Warning Systems". Research unit responsible, national P.I. Prof. Aldo Zollo. Final Score 9/15.

**Editor and Referee Activity**

Editorial board member

Acta Geophysica, Earthquake Research Advances

Referee

Nature Communications, Physical Review Letters, Physical Review E, Europhysics Letters, Journal of Physics A: Mathematical and General, Journal of Physics: Condensed Matter, Soft Matter, European Physical Journal B, Physica A, Journal of Geophysical Research: Solid Earth, Journal of Statistical Mechanics: Theory and Experiments, Geophysical Journal International, Physical Chemistry, Annals of Geophysics, Non Linear Processes in Geophysics, The Annals of Applied Statistics, Pure and Applied Geophysics, Journal of Seismology, Physics of the Earth and Planetary Interiors, Computers and Geosciences, Acta Geophysica, Physics Letters A, The Scientific Pages of Kinetics and Thermodynamics, Entropy, Scientific Reports, Forecasting, Natural Hazards and Earth System Sciences, European Physical Journal Plus

2024

Revisor for the U.S. National Science Fundation

2023

Revisor for the board of examiners (Promotionsausschuss) of the Faculty of Science at the University of Potsdam

2021

member of the Board of Adjudicators PHD Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

**Research Interest  
Keywords**

**Non-equilibrium statistical mechanics:** phase ordering dynamics, coarsening systems, aging dynamics; Random magnets; Ferromagnetic systems with long-range interactions;  
**Fluctuation Dissipation Theorem:** Deviations and Generalization of the Fluctuation Dissipation Theorem in non-equilibrium systems; Non-linear response theory;  
**Phase ordering dynamics under shear flow:** analytical solution for Langevin equations;  
**Statistical mechanical models for seismic faults:** Frictional properties of fault models; Viscoelastic behavior and temporal correlation in spring-block models;  
**Statistical approach to seismic occurrence:** Stochastic branching models for seismic hazard evaluation; pattern identification for seismic forecasting;  
**Statistical approach to Solar flares and Coronal Mass Ejections occurrence:** temporal correlations, energy correlations and stochastic models for flares occurrence;  
**Vibrofluidized granular systems:** Acoustic fluidization, role of the driving frequency.

**Contributions to workshops**

Organizing committee

- Member of the organizing committee of the conference STATPHYS XXIX (2025)
- Member of the Scientific Committee of the "Italian Regional Conference on Complex Systems". Naples, October 9-11 (2023)
- Member of the organizing committee of the workshop "Coarse-grained description for non-equilibrium systems and transport phenomena". Rome - July 4-6 2022;
- Organizer of the "Statistical Physics section" for the 51st Scientific Meeting of the Italian Statistical Society. Caserta – Jun 22-24 2022;
- Member of the Technical Program Organizing Committee of ICPMS 2018, International Conference on Physics, Mathematics and Statistics, Shanghai, China May 12-14, 2018.

Speaker

1. IWAP 2023, June 4-11, 2023 Thessaloniki (Greece), **invited talk** with the title "Testing of the Seismic Gap Hypothesis in a model with realistic earthquake statistics";
2. STOFocs meeting, February 20-21, 2023, Naples (Italy), **invited talk** with title "How to use daily incidence rate to estimate transmission parameters of a virus and and to identify its variants";
3. IFPU Trieste workshop Dynamical complexity in astrophysical contexts, February 6-10, 2023, Trieste (Italy), **invited talk** with title "Spatio-Temporal correlations in earthquakes and solar flares: self-organized criticality beyond the sand pile model"
4. Stochastic Forecasting in Complex Systems, August 25-31 (2022), Erice (Italy), **invited talk** with title "Mechanical model for seismic occurrence: implications for seismic forecasting";
5. GEOLOGY&EARTHSCIENCE (LONDON) Mar 25-26, 2021, **invited talk** with title "The overlap of aftershock coda-waves and forecasting the first hours aftershocks";
6. Workshop on Intersection of Set-Valued Analysis, Plasticity, and Friction, (Dallas) Feb 02-04, 2021, **invited talk** with title "Spring-block models and a statistical physics approach to earthquake occurrence"

7. EGU meeting 2020, May 1-6, 2020, Vienna, on-line talk with the title "The overlap of aftershock coda-waves and forecasting the first hours aftershocks";
8. SM & FT 2019, December 11-13, 2019, Bari (Italy), talk with the title "Heterogeneity, visco-elasticity and the universality class of earthquake occurrence";
9. StateSeism 11, August 18-21, 2019, Hakone (Japan), **invited talk** with title "Friction heterogeneity and the connection between aftershocks and afterslip";  
Seismic Source Physics, Porto Pollo, June 1-3, 2019, **invited talk** with the title
10. "Foreshocks and spring-block models"; ESC 2010, September 2-7, 2018, La Valletta (Malta), talk with the title "The prognostic role of foreshocks";
11. AGU-MEETING 2017, New Orleans (Louisiana), 11-15 December 2017, talk with title " Modeling Aftershocks and Foreshocks by Time-Dependent Friction Laws";
12. CONES 2016, London, July 6-8, 2016, **invited talk** with title "Interface roughening and viscoelasticity as a novel explanation of scaling laws and crossovers in earthquake occurrence";
13. StatSeism9, Potsdam, June 14-18, 2015, **invited talk** with title "Stress distribution as an hallmark for different stress regimes";
14. 7th IDMRCS, Barcelona, July 21-26, 2013, **invited talk** with title "Heat flux probability and non-equilibrium fluctuation-dissipation theorem";
15. EGU General Assembly 2013 (Vienna), **invited talk** with title "Spatial organization of foreshocks as a tool to forecast large earthquakes"
16. G.N.G.T.S. 20-23/11/2012, Potenza, talk with title: "Spatial organization of foreshocks as a tool to forecast large earthquakes";
17. Workshop on "Non-equilibrium fluctuation-response relations", Giglio, June 5-8 (2012); **invited talk** on: "Second-order Fluctuation-Dissipation relations and the measurement of cooperative lengths";
18. International Conference of Statistical Seismology STATSEI7, Thera (Greece) May 24-27 2011, **invited talk** with title: "Mainshock magnitude inferred from the spatial organization of foreshocks";
19. AGU-MEETING, San Francisco (CA) December 14-18 2010, talk with title: "Multiple-time scaling and universal behaviour of the earthquake interevent time distribution";
20. Workshop on "Modelling geophysical systems by statistical mechanics methods" Erice, (Italy) April 28-30 2008, **invited talk** with title: " Dynamical scaling in branching models for seismicity";
21. Seismological Society of America annual meeting, Santa Fe, New Mexico, April 16-18 2008, **invited talk** with title "The role of space and time correlations on the next earthquake magnitude";
22. XIII Workshop on Statistical Mechanics & Field theory, Bari, Italy, **invited talk** with title "The generalization of the fluctuation-dissipation theorem: a new algorithm for the computation of the response function";
23. Convegno nazionale del G.N.G.T.S, Roma, November 16-17 2005, talks with titles: "Scaling dinamico in un modello a trigger per la previsione sismica", "Criticità' auto-organizzata e la memoria della crosta terrestre", "Universalità nelle proprietà statistiche di terremoti e flares solari";
24. Meeting of the P.R.I.N. project "Fisica delle interazioni fondamentali: teorie di gauge, gravità e stringhe", Capri 2005, talks with titles: "La generalizzazione del teorema fluttuazione-dissipazione e una nuova procedura per il calcolo della risposta lineare"; "Modelli statistici per i terremoti e criticita' auto-organizzata"
25. Convegno nazionale di Fisica Statistica e dei sistemi complessi, Parma, Italia, June 03-05 2002, talk with title "Il ruolo della dimensionalità nella risposta di non equilibrio di sistemi ferromagnetici";
26. INFMeeting, "National conference on physics of matter ", Roma, Italia, June 18-22 2001, talk with title "Bulk and interface fluctuations in the response of coarsening systems";
27. "Eötvös School and Workshop on Phase Separation", Budapest, July 2-8 2000, talk with title "Fluctuation dissipation ratio in the one dimensional Ising kinetic model"

## Seminars

- ERI Tokyo, August 28, 2019, Tokyo, invited seminar with the title "The relevance of foreshocks in earthquake triggering: a statistical mechanics approach";
- University of Parma, December 18, 2018, invited seminar with the title "Statistical approach to seismic occurrence and forecasting";
- January 17 2013, University "Federico II" (Napoli), invited seminar with title "Seismic

- forecasting from correlations in earthquake catalogs”;
- Joseph Fourier University Grenoble, September 28, 2012, invited seminar with the title: “The role of stress diffusion on aftershock triggering”;
- ISC Roma April 07 2010 Invited Seminar with the title “How large will be the next earthquake? A dynamical scaling approach to seismic occurrence”;

### Science Divulgateion Activity

- 2013 Introducing talk on "SEISMIC FORECASTING FROM CORRELATIONS IN EARTHQUAKE CATALOGS" at the Castello Ladislao di Arpino (AQ) for the 3th edition of SCUOLA ESTIVA SEISMATHS (July 13)
- 2014 Talk “Il problema della previsione sismica” within the program Caffè Scientifici “La Bufala è servita”, Thaddeus Caserta (May 22)
- 2016 Liceo Scientifico Medi Cicciano  
Lectures on “Introduzione alla Meccanica Quantistica”
- 2019 Liceo Scientifico Manzoni, Caserta  
Lectures on “Costanti fondamentali nella Fisica”
- 2012-20 Orientation activity in the following high schools: Liceo Scientifico “E. Fermi” Montesarchio (BN) (2012), Liceo Scientifico “A.M. de Liguori” Sant’Agata dei Goti (BN) (2013), ISS “Novelli” Marcianise (CE) (2015), Liceo Scientifico “G. Galilei” Piedimonte Matese (2016), Liceo Scientifico “G. Bruno” Arzano (NA) (2016), Liceo “N. Braucci”, Caivano (NA) (2018), Istituto “E. MATTEI” Caserta (2020), Istituto “A. Manzoni” Caserta(2021)

## PUBLICATIONS

SCOPUS: CITATIONS > 2036, H-INDEX=25,  
ISI-WEB- OF KNOWLEDGE: CITATIONS > 1972, H-INDEX=25,  
SCHOLAR: CITATIONS > 2438, H-INDEX=28, I10-INDEX= 59  
Corresponding author in the following publications where my name is underlined

- 1) Lippiello, E., Petrillo G., Landes F., Rosso A.  
The genesis of aftershocks in spring slider models  
Statistical Methods and Modeling of Seismogenesis, 131
- 2) Agrawal, R., Corberi, F., Lippiello, E., Politi, P. Puri, .  
Kinetics of the two-dimensional long-range Ising model at low temperatures  
(2021) **Physical Review E** 103 (1), 012108  
DOI:<https://doi.org/10.1103/PhysRevE.103.012108>
- 3) A Plati, A., de Arcangelis, L., Gnoli, A., Lippiello, E., Puglisi A., Sarracino, A.  
Getting hotter by heating less: How driven granular materials dissipate energy in excess  
(2021) **Physical Review Research** 3 (1), 013011  
DOI:<https://doi.org/10.1103/PhysRevResearch.3.013011>
- 4) Petrillo G., Lippiello, E.  
Testing of the foreshock hypothesis within an epidemic like description of seismicity  
(2020) **Geophysical Journal International**, gkaa611  
DOI: <https://doi.org/10.1093/gji/gkaa611>
- 5) Corberi, F., Lippiello, E., Politi, P.  
Quasideterministic dynamics, memory effects, and lack of self-averaging in the relaxation of quenched ferromagnets  
(2020) **Physical Review E** 102 (2), 020102  
DOI:<https://doi.org/10.1103/PhysRevE.102.020102>
- 6) Petrillo, G., Lippiello, E., Landes, F.P., Rosso, A.  
The influence of the brittle-ductile transition zone on aftershock and foreshock occurrence  
(2020) **Nature Communications**, 11 (1), art. no. 3010, .  
DOI: 10.1038/s41467-020-16811-7
- 7) Kumar, M., Corberi, F., Lippiello, E., Puri, S.  
Growth kinetics and aging phenomena in a frustrated system  
(2020) **European Physical Journal B**, 93 (5), art. no. 88, .  
DOI: 10.1140/epjb/e2020-100598-3
- 8) Lippiello, E., Petrillo, G., Godano, C., Tramelli, A., Papadimitriou, E., Karakostas, V.  
Forecasting of the first hour aftershocks by means of the perceived magnitude  
(2019) **Nature Communications**, 10 (1), art. no. 2953, .  
DOI: 10.1038/s41467-019-10763-3
- 9) Corberi, F., Lippiello, E., Politi, P.  
One Dimensional Phase-Ordering in the Ising Model with Space Decaying Interactions  
(2019) **Journal of Statistical Physics**, 176 (3), pp. 510-540.  
DOI: 10.1007/s10955-019-02313-4
- 10) Lippiello, E., Cirillo, A., Godano, C., Papadimitriou, E., Karakostas, V.  
Post seismic catalog incompleteness and aftershock forecasting  
(2019) **Geosciences**, 9 (8), art. no. 355, .  
DOI: 10.3390/geosciences9080355
- 11) Lippiello, E., Petrillo, G., Landes, F., Rosso, A.  
Fault heterogeneity and the connection between aftershocks and afterslip  
(2019) **Bulletin of the Seismological Society of America**, 109 (3), pp. 1156-1163.  
DOI: 10.1785/0120180244
- 12) Lippiello, E., Godano, C., de Arcangelis, L.

- The relevance of foreshocks in earthquake triggering: A statistical study  
(2019) **Entropy**, 21 (2), art. no. 173, .  
DOI: 10.3390/e21020173
- 13) Corberi, F., Kumar, M., Lippiello, E., Puri, S.  
Effects of frustration on fluctuation-dissipation relations  
(2019) **Physical Review E**, 99 (1), art. no. 012131, .  
DOI: 10.1103/PhysRevE.99.012131
- 14) De Arcangelis, L., Lippiello, E., Pica Ciamarra, M., Sarracino, A.  
Induced and endogenous acoustic oscillations in granular faults  
(2019) **Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences**, 377 (2136), art. no. 20170389, .  
DOI: 10.1098/rsta.2017.0389
- 15) Corberi, F., Lippiello, E., Politi, P.  
Universality in the time correlations of the long-range 1d Ising model  
(2019) **Journal of Statistical Mechanics: Theory and Experiment**, 2019 (7), art. no. 074002, .  
DOI: 10.1088/1742-5468/ab270a
- 16) de Arcangelis, L., Godano, C., Lippiello, E.  
The Overlap of Aftershock Coda Waves and Short-Term Postseismic Forecasting  
(2018) **Journal of Geophysical Research: Solid Earth**, 123 (7), pp. 5661-5674.  
DOI: 10.1029/2018JB015518
- 17) Gnoli, A., De Arcangelis, L., Giacco, F., Lippiello, E., Ciamarra, M.P., Puglisi, A., Sarracino, A.  
Controlled Viscosity in Dense Granular Materials  
(2018) **Physical Review Letters**, 120 (13), art. no. 138001, .  
DOI: 10.1103/PhysRevLett.120.138001
- 18) Giacco, F., De Arcangelis, L., Ciamarra, M.P., Lippiello, E.  
Synchronized oscillations and acoustic fluidization in confined granular materials  
(2018) **Physical Review E**, 97 (1), art. no. 010901, .  
DOI: 10.1103/PhysRevE.97.010901
- 19) Lippiello, E.  
Spatiotemporal clustering of seismic occurrence and its implementation in forecasting models  
(2018) **Complexity of Seismic Time Series: Measurement and Application**, pp. 61-93.  
DOI: 10.1016/B978-0-12-813138-1.00003-1
- 20) Corberi, F., Lippiello, E., Politi, P.  
Effective mobility and diffusivity in coarsening processes  
(2017) **EuroPhysics Letters**, 119 (2), art. no. 26005, .  
DOI: 10.1209/0295-5075/119/26005
- 21) Corberi, F., Kumar, M., Puri, S., Lippiello, E.  
Equilibrium structure and off-equilibrium kinetics of a magnet with tunable frustration  
(2017) **Physical Review E**, 95 (6), art. no. 062136, .  
DOI: 10.1103/PhysRevE.95.062136
- 22) Lippiello, E., Giacco, F., Marzocchi, W., Godano, G., Arcangelis, L.  
Statistical Features of Foreshocks in Instrumental and ETAS Catalogs  
(2017) **Pure and Applied Geophysics**, 174 (4), pp. 1679-1697.  
DOI: 10.1007/s00024-017-1502-5
- 23) Giacco, F., De Arcangelis, L., Pica Ciamarra, M., Lippiello, E.  
Rattler-induced aging dynamics in jammed granular systems  
(2017) **Soft Matter**, 13 (48), pp. 9132-9137.  
DOI: 10.1039/c7sm01976a
- 24) Corberi, F., Lippiello, E., Zannetti, M.  
On a relation between roughening and coarsening

- (2016) **EuroPhysics Letters**, 116 (1), art. no. 10006, .  
DOI: 10.1209/0295-5075/116/10006
- 25) Landes, F.P., Lippiello, E.  
Scaling laws in earthquake occurrence: Disorder, viscosity, and finite size effects in Olami-Feder-Christensen models  
(2016) **Physical Review E**, 93 (5), art. no. 051001, .  
DOI: 10.1103/PhysRevE.93.051001
- 26) de Arcangelis, L., Godano, C., Grasso, J.R., Lippiello, E.  
Statistical physics approach to earthquake occurrence and forecasting  
(2016) **Physics Reports**, 628, pp. 1-91.  
DOI: 10.1016/j.physrep.2016.03.002
- 27) Corberi, F., Lippiello, E., Zannetti, M.  
Roughening of an interface in a system with surface or bulk disorder  
(2016) **Journal of Physics A: Mathematical and Theoretical**, 49 (18), art. no. 185001, .  
DOI: 10.1088/1751-8113/49/18/185001
- 28) Lippiello, E., Cirillo, A., Godano, G., Papadimitriou, E., Karakostas, V.  
Real-time forecast of aftershocks from a single seismic station signal  
(2016) **Geophysical Research Letters**, 43 (12), pp. 6252-6258.  
DOI: 10.1002/2016GL069748
- 29) Lippiello, E., Giacco, F., Marzocchi, W., Godano, C., De Arcangelis, L.  
Mechanical origin of aftershocks  
(2015) **Scientific Reports**, 5, art. no. 15560, .  
DOI: 10.1038/srep15560
- 30) Corberi, F., Lippiello, E., Zannetti, M.  
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Il sottoscritto Prof. Eugenio Lippiello nato il 02/04/1975 ad Avellino e residente nel comune di Benevento alla Via Piermarini, 61

- consapevole della responsabilità a cui può andare incontro in caso di dichiarazione mendace o di esibizione di atto falso o contenente dati non più rispondenti a verità nonché delle sanzioni penali richiamate dall'articolo 76 del D.P.R. n. 445/2000, per le ipotesi di falsità in atti e dichiarazioni mendaci;
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DICHIARA la veridicità di quanto dichiarato nel presente CURRICULUM VITAE.

Il sottoscritto Dr. Eugenio Lippiello autorizza il trattamento dei dati personali ai sensi della Legge 675/96 sulla tutela della privacy.

BENEVENTO  
14/07/2020

Eugenio Lippiello  
