Curriculum Luca Di Persio

Personal Information

Luca Di Persio - Italian citizenship
Born date: 30th of August, 1972 – Fiscal code: DPRLCU72M30H501X
Home address: Via G. Marconi, 28 – 38052 Caldonazzo (Trento – Italy)
University address: Strada le Grazie, 15 - 37134 Verona VR
Spin-off address: Via dei Solteri, 38 - 38121 Trento TN
Email address: luca.dipersio@univr.it – luca.dipersio@hpa.ai
University phone contact: +39 045 802 7968 **Mobile phone contact**: + 39 339722014
Scopus profile: www.scopus.com/authid/detail.uri?authorId=57203636440#
ORCID id: 0000-0002-0317-4351

Academic Positions

- Starting from 7/5/2021 habilitated as FULL Professor within the sector of Probability and Statistics MAT/06
- Associate Professor – from October 2020
- October 2017– September 2020 RTDb (senior researcher) - Dept. Comp.Science UniVr. College of Mathematics
- October 2012– September 2017 RTDa (junior researcher) - Dept. Comp.Science UniVr. College of Mathematics

University Current Position And Main Responsibilities

Professor of Probability, Stochastic Processes and Mathematical Finance, **leader and referent** of the Master Degree in Data Science [https://www.di.univr.it/?ent=cs&id=955&lang=en], **responsible** of the Mathematical Finance path within the Master degree in Mathematics, Chair QA Committee Master's Degree in Data Science - LM91; member ; member and local (UniVr) responsible for the Faculty Board of Interuniversity PhD in Mathematics - Department Computer Science

Steered courses: Probability, Stochastic Processes, Statistical Models for Data Science, Time Series Analysis, SDEs, Interacting Particle Systems (IPS) and applications to social/economic frameworks, Mathematical Finance, Stochastic Analysis, Probability for Data Science.

Member of the board of the PhD School in Mathematics, jointly with the Mathematics Dept. of the University of Trento and by the College of Mathematics of the Department of Computer Science of the University of Verona, PhD in Mathematics **referent** for the College of Mathematics (UniVr)

Coordinator for UniVr – Department of Computer Science of the Erasmus+ exchange programmes with the Universities of: Bielefeld, München, Oslo, Wuppertal, ENSIIE

Supervisor for the following PostDoc projects: "Stochastic differential equations with jumps in mathematical finance: applications to pricing, hedging, and problems related to risk measures" (1/7/2014-20/6/2015, Mat/06 – grant obtained by Immacolata Oliva); "Stochastic differential equations with delay with jumps: applications to pricing and credit risk" (1/3/2016 – 28/2/2017, Mat/06- grant obtained by Viktor Bezborodov) ; "Development of controllers for stochastic switching systems and their implementation" (1/3/2017-2020 – grant obtained by Viktor Bezborodov) ; "Machine learning solutions for optimal planning" (21/03/2024 – 21/07/2025, Mat/06, grant obtained by PhD Matteo Garbelli, fund CBCARITRO2023GIROWM contribution from the Caritro foundation for the activation of a Research Grant on the GIROWM project); Scientific responsible for the Scholar At Risk (SAR) PostDoc Research fellowship – UNIVR -SAR (2023-2025 - grant obtained Mohammed Alruqimi).

Supervisor of the following PhD students

- Matteo Garbelli – currently AdR at UniVr
- Chiara Benazzoli – currently in Fairmat
- Viktorya Vardanyan – currently PhD student, 3rd year UnitTn-UniVr
- Francesco Giuseppe Cordoni – currently RTD at UniTn
- Youness Outaleb – currently PhD student (PNRR funded), 1st year UniVr
- Luca Prezioso – currently employed in the banking sector (Switzerland)
- Francesco Guida – currently employed in Poste Italiane
- Andrea Veronese – currently in Fairmat – PhD funded by Fairmat
- Federico Vesentini – PhD jointly steered with prof. Muradore (UniVr) – currently PostDoc UniVr
- Nicola Fraccarolo – currently PhD student, 3rd year UniTn-UniVr

Number of bachelors/MsC students:

approximately one hundred belonging to BSc in Mathematics, MSc in Mathematics and Data Science.

UniVr Official Spinoff cofounder (2017 – ongoing)

Cofounder and **Head of Research and Development** unit of High Performance Analytics (HPA), website: *www.HPA.ai -* **HPA is an official SPINOFF** of the University of Verona. In particular *HPA is an innovative startup aiming at providing market predictive algorithms that can improve the performance of decision-making systems adopted by companies in every product market. The techniques used constitute an innovative mix of statistical-inferential approaches, continuous stochastic analysis, and ML-NNs-based approaches to provide models for, e.g., energy field (production and consumption forecasting), anomaly detection, technology forecasting, and financial quantities forecasting.* HPA won a European Starting Grant prize and a prize given by HIT (Hub Innovazione Trentino).

Grants

Three years grant financed by *Provincia Autonoma di Trento* [from February 2008 to December 2010]

NEST Project (Stochastic Neurobiology) realized in collaboration with the Mathematical Department of the University of Trento–Scientific Coordinator: Prof. Sergio Albeverio (IAM-HCM Bonn). Goal: analyze a stochastic perturbed deterministic model for neuronal activities, e.g., Hodgkin-Huxley and FitzHugh-Nagumo models, to better understand the behaviour of concrete neuronal networks

- **Grant** (2007-2008) funded by the *Stochastic Processes Group*, University of Trento, Department of Mathematics
  Project title: *Feynman Path integrals using Probabilistic Methods*. under the supervision of Prof. Luciano Tubaro: use of probabilistic techniques to enlarge the set of problems treated by rigorous infinite dimensional integrals
- **Grant** (2006) funded by SFB611-Projekt - Bonn University. Probability and Stochastic Analysis Department
  Project Title: "Singular Phenomena and Scaling in Mathematical Models: investigate a rigorous mathematical approach to singular phenomena in Physics and Biology"
- **Grant**: (2005-2006) funded by the University of Bonn, Probability and Stochastic Analysis Department
  Project Title: "Quantum probability and applications to Physics, Information Theory and Biology: infinite-dimensional probability approach to technological aspects at the edge between Biology and Information Theory"
- **Grant** (2002) funded by the University of Rome III, Mathematics Department
  Research project on Random Walk in Random Media also implementing numerical simulation under the supervision of Prof. Alessandro Pellegrinotti and in collaboration with Prof. Carlo Boldrighini (University of "La Sapienza", Rome) and Prof. Y.G. Sinai (Princeton University)
- **National Italian Project**: From 2005/2006 to 2008/2009, University of Trento - Sciences Faculty, Math. Department
  Project Goal: "for the design and implementation of laboratories for the secondary schools within the project *Stochastic Phenomena and Applications in Physics* funded by the Italian National Program *Scientific Degrees*. Extensive use of statistical and mathematical packages

MEMBERSHIPS

- GNAMPA - Gruppo Nazionale per l'Analisi Matematica, la Probabilità e le loro Applicazioni (National Group for Analysis, Probability and their Applications) [since 2003]
- A.M.A.S.E.S. - Associazione per la Matematica Applicata alle Scienze Economiche e Sociali (Italian Association for Applied Mathematics, Economical and Social Sciences) [since 2013]
- Unione Matematica Italiana (UMI) / SIMAI / Bernoulli Society / European Mathematical Society (EMS) / International Statistics Association (ISI) / European Women in Mathematics (EWM) / International Association for Statistical Computing (IASC) [since 2013]

COORDINATOR OF FINANCED PROJECTS

- **AIDESS** project on stochastic optimization and logistics, duration of two years financed by Caritro (2024-2026)
- **REVO** project on data science in insurance, financed by REVO insurance (2022-2023)
- **GIRO-WM** project on data science and stochastic processes applications to workflow management optimisation (2024-2026)

[Because of a non-disclosure agreement, I cannot share further info, nevertheless, all the projects have been financed based on competitive selections and for several hundred thousand euros]

SCIENTIFIC SUPERVISOR

- "Stochastic Modelling of Financial Markets aiming to develop new concepts for Goal-Based Investment Solutions during Decumulation Phase", funded by Allianz, 2021 (6 months)
- "Study and development of machine learning techniques for data prediction", funded by Terranova, 2019 (12 months)
- "Stochastic approach for forecasting and hedging in energy markets", funded by Befree, 29/3/2016 – 31/12 2016
- "Energy markets management by stochastics methods", funded by Sinergetica, 18/11/2016 – 31/7/2017
- "Advanced numerical methods for financial forecasting", funded by Fairmat, 12/1/2017 – 30/9/2017.
- "Stochastic Partial Differential Equations and Stochastic Optimal Transport with Applications to Mathematical Finance" (2016), funded by GNAMPA, 1 year
- Joint project on "Stochastic optimal transport and applications" with prof. Rémi Lassale (Paris Jussieu) (2016), funded by GNAMPA

MEMBER OF FINANCED PROJECTS

- Secondary proposer for the COST Action Proposal OC-2024-1-27146 " The European Network for Contemporary Risk Study", primary proposer being Prof. Roman MATKOVSKYY, Action aims and scopes:
    - The Action represents a novel endeavour to contextualize and address the evolving risks and challenges in Europe, reshaped by the ramifications of the Russo-Ukrainian war, fostering a nuanced understanding through an interdisciplinary approach. The primary objective is to deepen the understanding of contemporary risks in the areas of technology, economy/finance, society, and policy in Europe, as well as their impact on economic growth and market applications. This objective aligns well with existing and recent European research and policy initiatives, especially in the post-war EU scenario. The Action aims to contribute to the body of knowledge on contemporary risks, advancing our understanding and consolidating scattered research endeavours across Europe. The work will be organized along the following Working Groups: Digital Technology Risk Working Group (WG1) focuses on the technological aspects of global and European-related risks (AI, blockchain, quantum computing and cybersecurity) Economic/Finance Risk Working Group (WG2) focuses on the economic and finance aspects of the challenges, by analysing the impact of geopolitical tensions, trade disputes, and financial uncertainties of European markets, as well as developing strategies to mitigate these risks. Climate Change and Energy Diversification Risk Working Group (WG3) places a special emphasis on the risks and opportunities associated with green energy, especially in the context of the post-Russian-Ukrainian war European Union as well as climate risks. Social Risk Working Group (WG4) focuses on implications of global mobility, migration, inequality and digital communication. Policy Risk Working Group (WG5) focuses on the policy implications to minimize current and future risks
- Member of the project Research in Pairs: "Path dependent partial differential equations with nonlinear boundary conditions", with Lucian Maticiuc ("Gheorghe Asachi" Technical University) and Adrian Zalinescu ("O. Mayer" Institute of Mathematics Romanian Academy, Iaşi), funded by CIRM-FBK-UNITN-INdAM, 13 March 2018 – 9 April 2018
- Member of the following Working Groups (WG) within the COST project CA19130: (1) Transparency into Investment Product Performance for Clients (2) Transparency in FinTech (3) Transparent versus Black Box Decision-Support Models in the Financial Industry. Actions duration: 4 years, with single representing projects (within each of the 3 actions) spanning from 6 to 48 months. The project was approved by the EU Commission on the 31st of March 2020, then it practically started on the 14th of September 2020, with a forecasted closing date equal to the 13th of September 2024starting date (for each of the aforementioned actions): November 2021. Number of COST members represented: 39; Number of ITC countries: 23. More details can be found here: https://fin-ai.eu/
- "Stochastic optimal control methods for problem debt management analysis", coordinator Dr. A. Marigonda (2017), funded by GNAMPA, 1 year
- Research member of the project "Set valued theory and applications to optimal transport and finance", coordinator Dr. A. Marigonda (2015), funded by GNAMPA, 1 year
- Member of the project Research in Pairs "McKean-Vlasov dynamics with Lévy noise with applications to systemic risk", joint with Prof. Luciano Campi- LSE, London, financed by CIRM-FBK-UNITN (2015), funded by CIRM-FBK-UNITN, 1-8 November 2015
- Research member within the "Invariant measures for stochastic differential equations driven by Lévy noise", project, principal investigator Prof. S. Albeverio, financed by King Fahd University of Petroleum & Minerals (2013-2014), funded by King Fahd University of Petroleum & Minerals, Starting in 2013 - total duration:18 months
- Research member and proposer of the Research in Pairs "Explicit invariant measures for stochastic differential equations driven by Lévy noise and applications" project, joint with Prof. Sergio Albeverio- IAM-HCM Bonn, financed by CIRM-FBK-UNITN (2013-2014), funded by CIRM-FBK-UNITN, 9-15 March 2014; 12-14 November 2014

Further (old) projects

- Member of "Stochastic Processes group", 2003/06 Math. Dep. Univ. of Trento
- Former member of the EU-Projekt Quantum probability with applications to Physics, Information Theory and Biology
- Former member of the SFB611-Projekt Singular Phenomena and Scaling in mathematical Models
- Former member of the Cluster of Excellence: Mathematics: Foundations, Models, Applications, Mathematics Department, University of Bonn
- PRIN - Progetti di Rilevante Interesse Nazionale (Projects of Relevant National Interest) - funded by MIUR (Ministero dell'Istruzione, dell'Università e della Ricerca - Ministry of Education, University and Research) - various projects within the Probability newtork supervised (during years) by professors: B. Da Prato (Univ. of Pisa), L. Tubaro (Univ. of Trento), M. Fuhrman (Univ. of Milan), L. Lunardi (Univ. of Parma)

WORKSHOPS AND CONFERENCES (ORGANISED, TALKS; SOME LINKS HAVE BEEN DEACTIVATED)

- IEEE European Conference on Electrical Engineering & Computer Science (ELECS 2024), Bern, Switzerland, December 21-23, 2024 [invited main speaker] http://www.elecs.org/
- 4th International Virtual Conference on Food Science & Nutrition; September 21-22, 2024 | Online Conference Theme: Recent Research and Future Prospects Focusing on Discoveries in Food Science & Technology; https://foodscience.imperialconferences.com
- Eurotalk-2024 Time: October 16-18, 2024; Congress Venue and Hotel: CROWNE PLAZA Dublin, Ireland;
- World Robotics, Artificial Intelligence and Machine Learning Congress (Robotics-AI 2024) which is going to be held in Osaka, Japan from December 16-17, 2024; https://shorturl.at/1HddB
- 10th International Scientific-Business Conference: LIMEN 2024, centered on the themes of Leadership, Innovation, Management, and Economics: Integrated Politics of Research; TU Wien - Vienna University of Technology in Vienna, Austria on December 5, 2024; https://shorturl.at/DOkpw
- Second International Conference on Renewable Energy (REN 2024); November 11-13, 2024 in Barcelona,
- International Fintech Research Conference, 27/28 October 2022, Politecnico di Milano https://www.fintechlab.it/fintech_conference2022/
- 35th ECMI Mathematical Modelling Week, 3 -10 July 2022, Verona, Italy, https://ecmimodellingweekverona.wordpress.com/
- FEMIB 2024 6th International Conference on Finance, Economics, Management and IT Business (FEMIB) Apr. 28 - 29, website: https://www.aconf.org/conf_194165.html 2024 ,Angers · France [PROGRAM COMMITTEE MEMBERS]
- FEMIB 2023, https://femib.scitevents.org/ProgramCommittee.aspx?y=2023, 4th and 5th of April, 2023; website: https://femib.scitevents.org/Home.aspx?y=2023 [program committee member]
- FEMIB 2022, 4th International Conference on Finance, Economics, Management and IT Business, 24-256 April 2022, Prague, Czech republic (online), https://femib.scitevents.org/Home.aspx [program committee member]
- FEMIB 2021, 3rd International Conference on Finance, Economics, Management and IT Business, 25-66 April 2021, Prague, Czech republic, http://www.femib.scitevents.org/ [program committee member]
- FEMIB 2020, 2nd International Conference on Finance, Economics, Management and IT Business, 5-6 May 2020, Prague, Czech republic, http://www.femib.scitevents.org/ [program committee member]
- Verona-Paris Stochastic Modelling Semester, VPSMS'18, 2nd Semester 2017/2018 academic year, University of Verona – Department of Computer Science, http://vpsms2018.org/
- Workshop: "Two days on Stochastic Control and Applications", May 10 -11, 2018, University of Verona – Department of Computer Science, http://vpsms2018.org/event/two-days-workshop-on-stochastic-analysis-and-applications/
- Workshop: "One day on Stochastic Analysis", February 5, 2018, University of Verona – Department of Computer Science, http://vpsms2018.org/event/workshop-one-day-in-stochastic-analysis/
- Opening Conference VPSMS2018, December 18-21, 2017, University of Verona – Department of Computer Science, http://vpsms2018.org/event/opening-conference/
- Launch-Meeting VPSMS2018, October 23-24, 2017, University of Verona – Department of Computer Science, http://vpsms2018.org/event/launch-meeting
- ICCMSE 2017 - Computational Methods in Science and Engineering, April 21-25, 2017, Thessaloniki, Greece, http://www.iccmse.org/sites/default/files/Leaflet_ICCMSE_2017.pdf
- Modelling Week, September 4-11, 2016, University of Verona – Department of Computer Science, http://profs.scienze.univr.it/caliari/phdmw/
- Stochastics and Symmetry: theory and applications from Mechanics to Finance, 5 - 6 October 2015, Università Statale di Milano, http://users.mat.unimi.it/users/ugolini/workshop2015/

- Stochastic symmetries: a breakthrough to financial innovations, 23 October 2015, University of Verona – Department of Computer Science, http://www.di.univr.it/?ent=iniziativa&id=6202&lang=it
- Industrial Mathematics Workshop (IM1) (sponsored by Department of Computer Science, University of Verona and IASON Ltd.), 10 April 2015, University of Verona – Department of Computer Science, http://www.di.univr.it/dol/main?ent=iniziativa&convegno=1&id=5905
- MatFinTn2012, 24 January 2012, University of Trento – Department of Mathematics
- Second workshop on Stochastic Neurobiology, 22-24 November 2010, University of Trento – Department of Mathematics
- First joint CIRM-HCM Workshop, 25-31 January 2010, Levico Terme (*University of Trento*)
- First workshop on Stochastic Neurobiology, 23-25 November 2009, University of Trento – Department of Mathematics

PERSONAL SKILLS

Mother tongue: Italian

Other spoken languages: English

- Read: Excellent
- Write: Excellent
- Speak: Good

Organizing skills

Propensity to work in a team concerning scientific as well as bureaucratic tasks. Proven skills in organizing meetings and workshops spanning from small to big dimensions. Concrete capacities to prepare project and initiatives to obtain external funding and sponsorships, also exploiting proactive collaboration with the private sector, particularly with Banks, Insurances and Financial players in general. I have been the scientific supervisor of about 50 bachelor's degree students, 80 master's degree students, 9 PhD students, and 5 Post-Doc degree grants, most of them in collaboration with the private sector.

Techincal skills

Good knowledge of the major software currently used under different operating systems. Proven ability to work numerically by using standard mathematical packages, e.g., Mathematica, Maple, R, etc. Excellent knowledge of different programming languages, e.g., Python, Pascal, C++, and not WYSIWYG text-composer, e.g., TeX, LaTeX, etc.

Theoretical skills

Expert in probability, stochastic processes, stochastic (partial) differential equations, data science, machine learning and applications to forecasting/optimisation problems, asymptotic expansions of (probabilistic) integrals, systems of interacting particles and statistics, random walk in random media, with application to, e.g., financial mathematics, biological systems, neuronal activities, networks of interacting agents, time series analysis, market forecasting, FBSDEs and MFGs. Innovative publications in heterogeneous fields spanning from quantum Brownian motion to random walks in random media and asymptotic for integrals with application to physics, from quantum information to stochastic (systems of) partial differential equations (also on networks and with delay/memory effects), from Lie symmetries approach to financial modelling to numerical methods for option pricing and stochastic partial differential equations with applications in finance, also including MFGs and interactions with up to date machine learning approaches.

Bibliographic information

Scopus Metrics

Di Persio, Luca

Università degli Studi di Verona, Verona, Italy 57203636440 https://orcid.org/0000-0002-0317-4351

1,506	112	15	
Citations by ***1,199 documents***	Documents	*h*-index View *h*-graph	View more metrics

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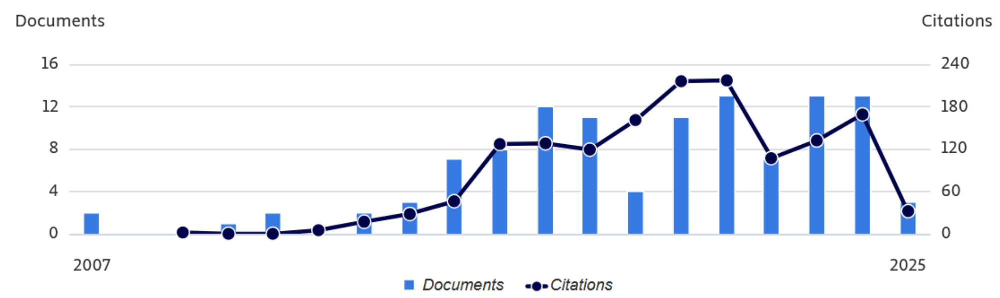
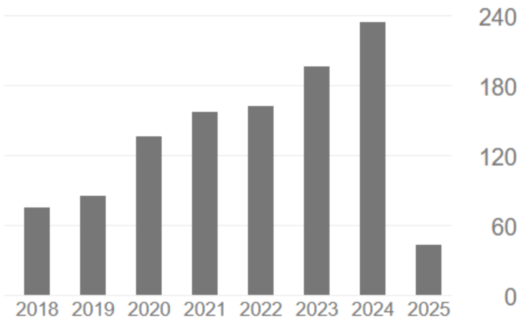
Document & citation trends



Google Scholar Metrics

Cited by VIEW ALL

	All	Since 2020
Citations	1351	939
h-index	19	15
i10-index	42	23



Luca Di Persio Publications (extracted from SCOPUS repository)

Scopus - EXPORT DATE: 27 September 2024

Scopus – Data di Esportazione: 25 febbraio 2025

[Scopus does not allow sorting by publication date, consequently what below does not respect a chronological order]

Di Persio L., Kuchling P.
AUTHOR FULL NAMES: Di Persio, Luca (57203636440); Kuchling, Peter (57209076792)
57203636440; 57209076792
OPTIMAL CONTROL OF MCKEAN-VLASOV EQUATIONS WITH CONTROLLED STOCHASTICITY
(2025) Evolution Equations and Control Theory
DOI: 10.3934/eect.2024058
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211253033&doi=10.3934%2feect.2024058&partnerID=40&md5=fc9fa395f14a6fe01ae2159578f43349

Bezborodov V., Di Persio L., Muradore R.
AUTHOR FULL NAMES: Bezborodov, Viktor (57193258698); Di Persio, Luca (57203636440); Muradore, Riccardo (14827262300)
57193258698; 57203636440; 14827262300
Stabilization of planar non-Markovian switched linear systems with unbounded random delays
(2021) European Journal of Control
DOI: 10.1016/j.ejcon.2020.05.007
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086427598&doi=10.1016%2fj.ejcon.2020.05.007&partnerID=40&md5=de62314eb007cf1a587f60bca8d9bbfc

Di Persio L., Garbelli M., Mottaghi F., Wallbaum K.
AUTHOR FULL NAMES: Di Persio, Luca (57203636440); Garbelli, Matteo (57221305572); Mottaghi, Fatemeh (57219569865); Wallbaum, Kai (11239431300)
57203636440; 57221305572; 57219569865; 11239431300
Volatility forecasting with hybrid neural networks methods for Risk Parity investment strategies
(2023) Expert Systems with Applications
DOI: 10.1016/j.eswa.2023.120418
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159770610&doi=10.1016%2fj.eswa.2023.120418&partnerID=40&md5=50506c0382c5e8346cc60e82f2296507

Arif M., Di Persio L., Kumam P., Watthayu W., Akgül A.
AUTHOR FULL NAMES: Arif, Muhammad (58253476900); Di Persio, Luca (57203636440); Kumam, Poom (15056385100); Watthayu, Wiboonsak (25654291700); Akgül, Ali (58486733300)
58253476900; 57203636440; 15056385100; 25654291700; 58486733300
Heat transfer analysis of fractional model of couple stress Casson tri-hybrid nanofluid using dissimilar shape nanoparticles in blood with biomedical applications
(2023) Scientific Reports
DOI: 10.1038/s41598-022-25127-z
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150670106&doi=10.1038%2fs41598-022-25127-z&partnerID=40&md5=fe6273e7034d313f9e4e8cbdc647fa14

Collotta M., De Marchis M., Messineo A., Pau G., Di Persio L.
AUTHOR FULL NAMES: Collotta, Mario (24461190300); De Marchis, Mauro (24824092200); Messineo, Antonio (7006272131); Pau, Giovanni (57201304014); Di Persio, Luca (57203636440)
24461190300; 24824092200; 7006272131; 57201304014; 57203636440
Preface of the symposium "advanced Engineering Systems and Computer Applications: Theory and Practice"
(2018) AIP Conference Proceedings
DOI: 10.1063/1.5079190
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058617220&doi=10.1063%2f1.5079190&partnerID=40&md5=da4ec1b6d1cd376db6bf36337ba5c662

EDITORS: Simos T.E., Kalogiratou Z., Monovasilis T., Simos T.E., Simos T.E.

Cordoni F.G., Di Persio L., Prezioso L.
AUTHOR FULL NAMES: Cordoni, Francesco Giuseppe (56204431600); Di Persio, Luca (57203636440); Prezioso, Luca (57144428800)
56204431600; 57203636440; 57144428800
A lending scheme for a system of interconnected banks with probabilistic constraints of failure
(2020) Automatica
DOI: 10.1016/j.automatica.2020.109111
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087103859&doi=10.1016%2fj.automatica.2020.109111&partnerID=40&md5=d9bbb80217f6d290d2fa3eb13cf0ea86

Cordoni F., Persio L.D.I., Muradore R.
AUTHOR FULL NAMES: Cordoni, Francesco (56204431600); Persio, Luca D.I. (57203636440); Muradore, Riccardo (14827262300)
56204431600; 57203636440; 14827262300
WEAK ENERGY SHAPING FOR STOCHASTIC CONTROLLED PORT-HAMILTONIAN SYSTEMS
(2023) SIAM Journal on Control and Optimization
DOI: 10.1137/22M1482585
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175189463&doi=10.1137%2f22M1482585&partnerID=40&md5=38570c8eb56d28b552bf8ad2e5875c50

Cordoni F., Di Persio L., Muradore R.
AUTHOR FULL NAMES: Cordoni, Francesco (56204431600); Di Persio, Luca (57203636440); Muradore, Riccardo (14827262300)
56204431600; 57203636440; 14827262300
Bilateral teleoperation of stochastic port-Hamiltonian systems using energy tanks
(2021) International Journal of Robust and Nonlinear Control
DOI: 10.1002/rnc.5780
https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114799895&doi=10.1002%2frnc.5780&partnerID=40&md5=564057943eed943d66ed20f755f77ee0

Cordoni F., Di Persio L.
AUTHOR FULL NAMES: Cordoni, Francesco (56204431600); Di Persio, Luca (57203636440)
56204431600; 57203636440
Gaussian estimates on networks with dynamic stochastic boundary conditions
(2017) Infinite Dimensional Analysis, Quantum Probability and Related Topics
DOI: 10.1142/S0219025717500011

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015709613&doi=10.1142%2fS0219025717500011&partnerID=40&md5=5f851cc63461cb287d474e1dda2f82e6

Barbu V., Cordoni F., Di Persio L.
AUTHOR FULL NAMES: Barbu, Viorel (7006061372); Cordoni, Francesco (56204431600); Di Persio, Luca (57203636440)
7006061372; 56204431600; 57203636440
Optimal control of stochastic FitzHugh-Nagumo equation
(2016) International Journal of Control
DOI: 10.1080/00207179.2015.1096023
https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958767344&doi=10.1080%2f00207179.2015.1096023&partnerID=40&md5=f7954ebaedcab804a32c60f6a52aca6f

Vesentini F., Rigo D., Sansonetto N., Di Persio L., Muradore R.
AUTHOR FULL NAMES: Vesentini, Federico (57209137686); Rigo, Damiano (57482363500); Sansonetto, Nicola (6503848959); Di Persio, Luca (57203636440); Muradore, Riccardo (14827262300)
57209137686; 57482363500; 6503848959; 57203636440; 14827262300
Minimum-energy switching geometric filter on lie groups for differential-drive wheeled mobile robots
(2024) European Journal of Control
DOI: 10.1016/j.ejcon.2024.101101
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Under my responsibility, I declare possessing the qualifications indicated in this curriculum and I also declare the truth of what is written therein. What stated in this document is true, and the statements made in the CV are issued pursuant to articles 46 and 47 of the D.P.R. 445/2000.
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