

DAVIDE BARILARI

PERSONAL INFORMATION

Born in Cattolica (RN), Italy - 07 November 1984

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WORK EXPERIENCE

<i>Present position</i>	2023 –	Professore Ordinario, UNIVERSITÀ DI PADOVA
	From 01 Feb 2023: Full Professor at Università degli Studi di Padova, Dipartimento di Matematica “Tullio Levi-Civita” (SSD MAT/05)	
<i>Previous positions</i>	2020 – 2023	Professore Associato, UNIVERSITÀ DI PADOVA
	From 01 Sept 2020: Associate Professor at Università degli Studi di Padova, Dipartimento di Matematica “Tullio Levi-Civita” (SSD MAT/05)	
<i>PostDoc</i>	2013 – 2020	Maître de Conférence, UNIVERSITÉ DE PARIS CITÉ
	From 01 Sept 2013: Assistant Professor at Université de Paris Cité (ex Paris 7). Laboratoire: Institut de Mathématiques de Jussieu - Paris Rive Gauche. Teams: Analyse Fonctionnelle & Géométrie et Dynamique	
<i>PostDoc</i>	2011 – 2013	ERC-CNRS Postdoc, ÉCOLE POLYTECHNIQUE
	ERC-CNRS PostDoc at CMAP, École Polytechnique, Paris - équipe INRIA GECO. Supervisor: Ugo Boscain - Project ERC StG 2009 “GeCoMethods”	

EDUCATION

<i>Ph.D.</i>	2008 – 2011	SISSA, Trieste, Italy
	Ph.D. in Mathematics, SISSA, Trieste, defended on Oct 27, 2011 Supervisor: Andrei Agrachev	
<i>Master's degree</i>	2006 – 2008	Università di Trieste & SISSA, Italy
	Master's Degree in Mathematics, Università degli Studi di Trieste, Jul 18, 2008. Diploma Percorso Formativo Comune, SISSA, Trieste. 110/110 cum laude.	
<i>Bachelor's degree</i>	2003 – 2006	Università di Bologna, Italy
	Bachelor's Degree in Mathematics, Jul 21, 2006 – 110/110 cum laude.	

MAIN RESEARCH INTERESTS

Riemannian and Sub-Riemannian Geometry, Geometric Control Theory, Hamiltonian systems, Hypoelliptic PDEs, Curvature, Optimal Transport, Harmonic analysis on Lie groups.

EDITORIAL SERVICE

2022 – now	Associate Editor of ESAIM Control, Optimization and Calculus of Variations
2023 – now	Associate Editor of Journal of Control and Dynamical Systems

MONOGRAPHS AND BOOKS

1. A. Agrachev, D. Barilari and U. Boscain, *A Comprehensive Introduction to*

sub-Riemannian geometry, Cambridge Studies in Advanced Mathematics, Cambridge University Press, 2019, xviii+764 pp.

2. A. Agrachev, D. Barilari and L. Rizzi, *Curvature: a variational approach*. Memoirs of the AMS, 256 (2018), no. 1225, vi+142 pp.
3. A. Agrachev, D. Barilari and U. Boscain, *Introduction to geodesics in sub-Riemannian geometry*, in "Geometry, Analysis and Dynamics in sub-Riemannian manifolds", vol. II, 1-83, EMS Lecture Notes series (2016)

ACCEPTED PAPERS

4. *On the Hausdorff volume in sub-Riemannian geometry* (with A. Agrachev and U. Boscain). Calculus of Variations and PDE, 43 (2012), no. 3-4, 355-388.
5. *Sub-Riemannian structures on 3D Lie groups* (with A. Agrachev). Journal of Dynamical and Control Systems (2012), v.18, 21-44.
6. *Trace heat kernel asymptotics in 3D contact sub-Riemannian geometry*. Journal of Mathematical Sciences, 195 (2013), no. 3, 391-411.
7. *On 2-step, corank 2 sub-Riemannian metrics* (with U. Boscain and J.P. Gauthier). SIAM, Journal of Control and Optimization, 50 (2012), no. 1, 559-582.
8. *Small time asymptotics for heat kernel at the sub-Riemannian cut locus* (with U. Boscain and R.W. Neel). J. Differential Geometry, 92 (2012), no.3, 373-416.
9. *Small time heat kernel asymptotics at cut-conjugate points on 2-spheres of revolution* (with J. Jendrej). Annales IHP - Anal. Non Linéaire 31 (2014), pp. 281-295.
10. *A formula for Popp's volume in sub-Riemannian geometry* (with L. Rizzi). Analysis and Geometry in Metric Spaces, 1 (2014), 42-57.
11. *Comparison theorems for conjugate points in sub-Riemannian geometry* (with L. Rizzi). ESAIM: COCV v.22, n.2 (2016) 439-472.
12. *Sub-Riemannian curvature in contact geometry* (with A. Agrachev, L. Rizzi). The Journal of Geometric Analysis (2017) 27: 366-408.
13. *On the heat diffusion at the cut locus for generic Riemannian and sub-Riemannian structures* (with U. Boscain, G. Charlot and R. Neel). Int Math Res Notices (2017) 15: 4639-4672.
14. *Sub-Finsler geometry from the time-optimal control viewpoint for some nilpotent distributions* (with U. Boscain, E. Le Donne and M. Sigalotti). J. Dynamical and Control Systems (2017) 23: 547-575.
15. *On Jacobi fields and canonical connection in sub-Riemannian geometry* (with L. Rizzi). Archivum Mathematicum, 53 (2017), 77-92.
16. *Curvature terms in small time heat kernel expansion for a model class of hypoelliptic Hörmander operators* (with E. Paoli). Nonlinear Analysis, 164 (2017) 118-134.
17. *Heat kernel asymptotics on sub-Riemannian manifolds with symmetries and applications to the bi-Heisenberg group* (with U. Boscain and R.W. Neel). Annales Faculté Sciences Toulouse, 28 (2019) no. 4, p. 707-732.
18. *Sharp measure contraction exponent for generalized H-type groups* (with L. Rizzi). Communications in Contemporary Mathematics, 20 (2018), no. 06, 1750081.
19. *On the points of smoothness of the value function for affine optimal control problems* (with F. Boarotto). SIAM, J. Control and Optimization, 56 (2018), no. 2, 649-671.
20. *Kolmogorov-Fokker-Planck operators in dimension two: heat kernel and curvature* (with F. Boarotto), Journal of Evolution Equations, 18 (2018), no. 3, 1115-1146.
21. *Volume geodesic distortion and Ricci curvature for Hamiltonian dynamics* (with A. Agrachev and E. Paoli). Annales de l'Institut Fourier, 69 (2019) no. 3, 1187-1228.
22. *Sub-Riemannian interpolation inequalities* (with L. Rizzi). Inventiones Mathematicae, 215 (2019), no 3, 977-1038.
23. *On the regularity of abnormal minimizers for rank 2 sub-Riemannian structures* (with Y. Chitour, F. Jean, D. Prandi, M. Sigalotti). Journal of Mathématiques Pures et Appliquées, 133 (2020), 118-138 (2019).
24. *Volume of small balls and sub-Riemannian curvature in 3D contact manifolds* (with I. Beschastnyi, A. Lerario). Journal of Symplectic Geometry, 18 (2020), no. 2.

25. *A Bonnet-Myers theorem for quaternionic contact structures* (with S. Ivanov). *Calculus of Variations and PDE*, (2019) 58: 37.
26. *Bakry-Émery curvature and model spaces in sub-Riemannian geometry* (with L. Rizzi). *Mathematische Annalen*, 377 (2020), 435–482.
27. *On the geodesic curvature in 3D contact sub-Riemannian geometry* (with M. Kohli). *Advances in Calculus of Variations*, 15 (2022), no. 3, 577–599
28. *Strichartz estimates and Fourier restriction theorems in the Heisenberg group* (with H. Bahouri and I. Gallagher). *J. Fourier Analysis and Applications*, 27, 21 (2021).
29. *Stochastic processes on surfaces in 3D contact sub-Riemannian manifolds* (with U. Boscain, D. Cannarsa, K. Habermann). *Annales de l'Institut Henri Poincaré - Probabilités et Statistiques* (2021) Vol. 57, No. 3, 1388–1410.
30. *On the induced geometry on surfaces in 3D contact sub-Riemannian manifolds* (with U. Boscain, D. Cannarsa). *ESAIM: COCV*, 28 (2022) 9.
31. *Spectral summability for the quartic oscillator with applications to the Engel group* (with H. Bahouri, I. Gallagher, M. Léautaud). *Journal of Spectral Theory* 13 (2023), no. 2, pp. 623–706.
32. *Intrinsic sub-Laplacian for hypersurface in a contact sub-Riemannian manifold* (with K. Habermann). *NoDEA* 31, 3 (2024).
33. *Steiner and Half-Tube formulas in 3D contact sub-Riemannian geometry* (with T. Bossio). *Comm. Contemporary Mathematics* Vol. 26, No. 07, 2350034 (2024)
34. *Unified synthetic Ricci curvature lower bounds for Riemannian and sub-Riemannian structures* (with A. Mondino, L. Rizzi). 153 pages. Accepted on *Memoirs AMS*.

RESEARCH TEAMS, GRANTS AND PROJECTS

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|-------------|---|
| 2023-25 | P.I. of Italian PRIN project “Optimal Transport: new challenges across analysis and geometry”. 5 members, UNIPD+SISSA (220k€, 24 months) |
| 2022-24 | P.I. of Italian STARS@UNIPD project NewSRG “New Directions in sub-Riemannian geometry”. (140k€, 24 months) |
| 2017 – 2019 | Member of the French-Chinese “COSTAGE” CNRS-NSFC project 271392 “Maximum Principle and Sensitivity Relations in Stochastic Optimal Control” (P.I. Helene Frankowska), Ref. PRC1451. |
| 2015 – 2020 | Member of the ANR project SRGI “Sub-Riemannian geometry and interactions” (P.I. Emmanuel Trélat) Contract number ANR-15-CE40-0018 |

INVITED (MINI)-COURSES AND COLLOQUIUMS

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| 2024 | Modern Aspects of Analysis on Lie Groups, Gottingen, Apr 2024.
“Strichartz estimates and sub-Riemannian geometry” (4 lectures) |
| 2021 | A Topological Theory of Tangent Distributions, Leiden, Sept 2021.
“Sub-Riemannian curvature in 3D contact manifolds” (2 lectures)

Scuola Galileiana and PhD in Mathematics, Padova, March 2021.
“Topics in sub-Riemannian Geometry” (7 lectures) |
| 2019 | Journées de rentrée, Fondation Hadamard, IHES, Sept 2019.
“The geometry of the Heisenberg group” (3 lectures) |
| 2016 | Mathematics-Physics Colloquium, Leibniz Universität Hannover, Oct 2016.
“From thermodynamics to image reconstruction: an invitation to SR geometry” |
| 2015 | Mathematical Sciences Colloquium, Florida Atlantic University, Sept 2015.
“The geometry of the isoperimetric problem and beyond”

Rencontres Mathématiques de Rouen, Rouen, June 2015.
Minicourse on “Introduction to geodesics in sub-Riemannian geometry” (2 lectures) |

INVITED TALKS IN CONFERENCES (RECENT)

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| 2024 | Advances in Geometric Control and Subelliptic PDEs, Palermo, Jul 2024
Noncommutativity, Bologna, Jun 2024 |
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- Synthetic Curvature Bounds for Non-Smooth Spaces, Vienna, May 2024
- 2023 High Frequency Analysis: from operator theory to PDE, Angers, Aug 2023
CalcVar and Control session at UMI conference, Pisa, Sept 2023
- 2022 Workshop on Geometry and Dynamics, Heidelberg, Oct 2022
SR Geometry and Interactions, AMS-SMF-EMS Meeting, Grenoble, Jul 2022.
Differential Geometry in Aveiro, Aveiro, May 2022.
- 2021 Stochastic Differential Geometry and Mathematical Physics, Rennes, Jun 2021.
Variational and PDE problems in Geometric Analysis, III, Bologna, May 2021.
- 2020 Workshop "Geometry and Analysis in Control Theory", Padova, Apr 2020.
Dispersive and subelliptic PDEs, Centro Ennio De Giorgi, Pisa, Feb 2020.
- 2019 New trends in Hamilton-Jacobi: PDE, Control and Geometry, Shangai, Jul 2019.
AMS meeting "SR and CR geometric analysis", Connecticut, USA, Apr 2019.
Sub-Riemannian Geometry and Beyond, II, Jyväskylä, Finland, Feb 2019.
- 2018 Analysis, Control and Inverse Problems for PDE, Napoli, Italy, Nov 2018.
Analysis and PDEs, Hannover, Germany, Oct 2018.
Riemannian Geometry and Generalized Functions, Paris, Oct 2018.
The Cut Locus 2018, Sapporo, Japan, Sept 2018.
Workshop in sub-Riemannian geometry and Topolò(gy), Topolò, Italy, Jun 2018.
New trends in Control of Evolution Equations, GSSI, L'Aquila, Italy, Apr 2018.

INVITED SEMINARS (RECENT)

- 2023 "PDE and Math Phys Seminar", Univ Bordeaux, Apr 2023.
- 2022 "Geometric Structures Seminar", SISSA, Trieste, Apr 2022.
Online "Geometry Lunch Seminar", Penn State Univ, Feb 2022.
- 2021 Online "Analysis and Differential Geometry Seminar", Aveiro Univ., Apr 2021.
Online "Symplectic geometry seminar", Heidelberg University, Feb 2021
- 2020 Online Seminar at Nanjing University, China, Dec 2020.
Online "Geometric Control Seminar", Moscow University, Russia, May 2020.
Séminaire "Géométrie, Dynamique, Topologie", Univ. Aix-Marseille, Jan 2020.
Oberseminar "Geometrie, Topologie und Analysis", Koln University, Jan 2020
Séminaire "EDP-Analyse", Univ. Lyon 1, Jan 2020.
- 2019 Séminaire "Géométrie et Topologie", Sorbonne Université, Dec 2019.
Analysis Seminar, WPI, Worchester, USA, Apr 2019.
GdT Contrôle du LJLL, Sorbonne Université, Mar 2019.
- 2018 Seminar of Mathematics, Università di Padova, Oct 2018.
CalVa Seminar Paris, Université Paris Dauphine, Mar 2018.

ORGANIZATION OF SCIENTIFIC EVENTS (SELECTION)

- 2024 Organizer of the conference "Dispersion and Geometry in Padova" (with F.Cacciafesta, M.Capolli), May 6-7, 2024, Padova.
Web: <https://events.math.unipd.it/DG2024/home>
Organizer of the conference "PaPa Padua Paris Seminar 2" (with V.Franceschi, M.Sigalotti), July 3-5, 2024, Padova.
Web: <https://sites.google.com/view/papa24/>
- 2023 Organizer of the Oberwolfach "Hypoelliptic operators in Geometry" (with X.Ma, N.Savale, Y.Wang), May, 2023, Oberwolfach.
Website: <https://www.mfo.de/occasion/2321/www.view>
Organizer of the conference "Geometry and Control in Florence" (with U. Boscain, D. Prandi, L.Rizzi, M. Sigalotti), March, 2023, Florence.

Website: <https://indico.math.cnrs.fr/event/7106/>

- 2022 Member of the organizing committee of the centenary UMI conference “100UMI-800UNIPD”, May 23-27, 2022, Padova. Website: <https://www.100umi800unipd.it/>
- 2021 Organizer of the conference “PaPa Padua Paris Seminar” (with V. Franceschi, R. Monti, M. Sigalotti), Sept 6-7, 2021, Padova.
Web: sites.google.com/site/franceschivale/workshops-seminars/papa
- 2020 Organizer of the conference “Sub-Riemannian Geometry and Interactions” (with U. Boscain, Y. Chitour, D. Prandi, E. Trélat, L. Rizzi.), Sept 7-11, 2020, Paris.
Website: www.ljll.math.upmc.fr/~trelat/SRGI/SRGI-conference.html
- 2012 – 2020 Organizer of the “Séminaire de géométrie sous-riemannienne” at IHP, Paris till 2019, at LJLL, Sorbonne Université in 2020
webusers.imj-prg.fr/~davide.barilari/seminar.php
- 2014 Organizer of the “IHP Trimester on Geometry, Analysis and Dynamics on sub-Riemannian manifolds” (with. A. Agrachev, U. Boscain, M. Sigalotti, F. Jean, L. Rifford, Y. Chitour), Paris, Sept 1-Dec 14, 2014.
Website: <http://www.cmap.polytechnique.fr/subriemannian/>
- 2012 Organizer of the “INDAM Meeting on Geometric Control and Sub-Riemannian Geometry”, Cortona, May 2012. (with U. Boscain, D. Prandi, A. Sarychev, M. Sigalotti, G. Stefani)
Website: <http://www.cmap.polytechnique.fr/geometric-control-srg/>

GRADUATE SUPERVISION ACTIVITY

- 2023 – 2025 Julian Pozuelo, PostDoc Foundation Ramón Areces, Spain.
- 2023 – 2024 Steven Flynn, PostDoc STARS@UNIPD, Università degli Studi di Padova.
- 2023 – 2024 Marco Capolli, PostDoc STARS@UNIPD, Università degli Studi di Padova.
- 2022 – 2023 Eugenio Pozzoli, PostDoc STARS@UNIPD, Università degli Studi di Padova.
- 2020 – 2024 Tania Bossio, PhD Thesis, Università degli Studi di Padova.
- 2018 – 2021 Daniele Cannarsa, PhD Thesis “MathInnov”, Université Paris Diderot.
(co-advised with Ugo Boscain 50%)
- 2016 – 2019 Mathieu Kohli, PhD Thesis, Université Paris Saclay.
“On geodesic curvature in sub-Riemannian geometry”.
- 2016 – 2017 Francesco Boarotto, PostDoc contract, Université Paris Saclay, from Sept 2016.
(co-advised with Ugo Boscain 50%)

UNDERGRADUATE SUPERVISION ACTIVITY

- M2 Margherita Chino, Laurea Magistrale, Università di Padova Dec 2023.
“Rolling bodies from an intrinsic point of view”.
- M2 Lorenzo Scarponi, Laurea Magistrale, Università di Padova Dec 2023.
“On the Heintze-Karcher inequality”.
- M2 Nicolò Tedesco, Laurea Magistrale, Università di Padova Jul 2023.
“Harmonic analysis on sub-Riemannian Lie groups”.
- M2 Dario Sterzi, Laurea Magistrale, Università di Padova Jul 2023.
“Curvature dimension condition in sub-Riemannian geometry”.
- M2 Lucia Tessarolo, Laurea Magistrale, Università di Padova Jul 2023.
“Gauss Bonnet Theorem in sub-Riemannian geometry”.
- M2 Marco Condini, Laurea Magistrale, Università di Padova Dec 2022.
“A generalized curvature-dimension inequality in sub-Riemannian manifolds”.
- M2 Alessandro Minuzzo, Laurea Magistrale, Università di Padova Jan-Jul 2022.
“Magnetic fields and SR geodesics”. (co-supervised with Valentina Franceschi)
- M2 Hyppolite Charvin, Stage M2, Université Paris Diderot, Feb-Jun 2020.
“Hallucinations and visual cortex”. (co-supervised with Dario Prandi)
- M2 Daniele Cannarsa, Stage M2, Université Paris Diderot, Feb-Jun 2018.
“Intrinsic geometry of surfaces in the Heisenberg group”.

- M2 Mathieu Kohli, Stage M2, Université Paris Sud, Feb-Jun 2016.
"Géométrie sous-riemannienne et courbure du groupe de bi-Heisenberg".
- M1 Maxime Moscatelli, Stage M1, ENS Rennes & UNIPD, May-Jul 2022.
"Bicycling on the sphere and sub-Riemannian geometry on $SO(3)$ ".
- M1 Jacek Jendrej, Stage M1, École Polytechnique, Apr-Jul 2012.
Prize for Best Research Stage - Ecole Polytechnique, Promotion 2009
"Small time heat kernel asymptotics at a cut-conjugate point on 2-spheres of revolution".
- L3 Gioele Benetton, Laurea Triennale, Università di Padova, 2023.
"Brunn Minkowski inequality and the Heisenberg group".
- L3 Anna Donadini, Laurea Triennale, Università di Padova, 2021.
"Su un teorema di rigidità per punti coniugati su superfici".
- L3 Nicolas Biscondi et Louet, Stage L3, Université Paris Diderot, Feb-Jun 2018.
"Comment on stabilise un pendul inversé?".
- L3 Ayoub Lasri, Stage L3, Université Paris Diderot, Feb-May 2015.
"Controlabilité et contrôle optimale".

PARTICIPATION IN JURY

- 2018 Jury member for the PhD thesis of Lorenzo Pinna
University Rome La Sapienza, Italy 26/01/2018.
- 2017 Referee and External examiner for the Master thesis of Stine Marie Eik
Bergen University, Norway 08/06/2017.
Referee and jury member for the PhD Thesis of Stefano Biagi
Università di Bologna, Italy 09/05/2017.
- 2015 Referee and jury member for the PhD Thesis of Pavel Silveira,
SISSA, Trieste, 26/10/2015.

PARTICIPATION IN HIRING / SELECTION COMMITTEES

- 2022 Member of the committee, "Ammissione PhD in Mathematics UNIPD".
Padova. June 2022
- 2021 Member of the committee, "Ammissione Laurea Magistrale SISSA".
SISSA. June 2021
- 2020 Member of a hiring committee, "RTDA in Analisi Matematica".
Università dell'Aquila. March 2020
- 2018 Vice-président and member of the MCF hiring committee, "Analyse et EDP".
Université Paris Diderot. May 2018
- 2017 Vice-président and member of the MCF hiring committee, "Géométrie et
Dynamique". Université Paris Diderot. May 2017
- 2015 Member of the MCF hiring committee, "Géométrie et Dynamique".
Université Paris Diderot. May 2015

ADMINISTRATIVE SERVICE

- 2022 – now Member of the "Commissione Risorse e Docenza"
Math Department - Università di Padova.
- 2021 – now Member of the "Commissione Social Media"
Math Department - Università di Padova.
- 2021 Member of the "Commissione Valutazione Progetti e Assegni"
Math Department - Università di Padova.
- 2021 – 2024 Member of the "Commissione Biblioteca"
Math Department - Università di Padova.
- 2019 – now Member of the "Collegio Docenti Dottorato in Matematica"
Math Department - Università di Padova.
- 2016-2019 Member of the "Commission Pédagogique" of UFR Math
Université Paris Diderot - Paris 7.
- 2016-2019 Member of the "Comité de Prospective et Recrutement" of IMJ-PRG

Université Paris Diderot - Paris 7
 2015-2019 Elected member of the "Conseil Scientifique" of UFR Math
 Université Paris Diderot - Paris 7.

EDITORIAL ACTIVITY

2011 – now Referee activity for 3 books (Springer and Birkäuser) and referee for more than 30 international journals (JAMS - Invent. Math. - Adv. in Math - JDG - JGEA - CPAM - Annales ENS - Annali SNS - Math. Z - JDEQ - JIMJ - JMPA - Trans AMS - JGP - Proc AMS etc.)

TEACHING AT UNIVERSITÀ DEGLI STUDI DI PADOVA

2020 – now Topics in sub-Riemannian geometry, Scuola Galileiana & PhD (15h, 2021)
 Differential Geometry, LM-Math (64h, 2020, 2021, 2022, 2023, 2024)
 Analisi Matematica 1, LT-Info (64h, 2020), LT-Phys (64h, 2021, 2022, 2023, 2024)

TEACHING AT UNIVERSITÉ PARIS DIDEROT

2013 – 20 Introduction à la géométrie sous-riemannienne, M2Math (36h - 2018)
 Équations Différentielles, L3Math (40 h - 2017, 2018, 2019)
 Analyse Elementaire II, L1Math (81h - 2014, 2015, 2016)
 Algèbre et Analyse Elementaire I, L1Math (56h - 2019)
 Préparation à l'oral du CAPES (15h - 2017, 2018; 30h - 2019)
 Équations Différentielles pour biologistes, L2Bio (50h - 2014, 2015, 2016)
 Micro-économie de l'assurance, M2ISIFAR (45h - 2020)
 (TD) Théorie de la mesure, Intégration, Séries de Fourier, L3Math (27h - 2020)
 (TD) Géométrie Différentielle, M1Math (36 h - 2016, 2017, 2018)
 (TD) Algèbre et Analyse Elementaire II, L1Info (54 h - 2019)
 (TD) Équations Différentielles, L3Math (40 h - 2014, 2015, 2016)
 (TD) Systèmes Dynamiques: Stabilité et Commande (at ENSTA, 12h - 2012)
 Projets et Interrogations Orales, L1Math (24h - 2017, 2019)

POPULARIZATION ACTIVITY (RECENT)

2024 Master in Comunicazione della Scienza, Giugno 2024
 Mini corso sulla Matematica per giornalisti scientifici
 2023 Master in Comunicazione della Scienza, Giugno 2023
 Mini corso sulla Matematica per giornalisti scientifici
 Istituto Veneto per le Scienze e Lettere, Aprile 2023
 Una lezione+laboratorio per insegnanti di scuola media
 2022 Co-Responsabile "Science for all", Padova, Settembre 2022
 Organizzazione generale + una lezione per pubblico di tutte le età
 Spettacolo teatrale "Spaghetti e Levi-Civita", Padova, Maggio 2022
 Co-Organizzazione evento e supervisione scientifica per Dipartimento di Matematica UNIPD e Teatro Boxer
 2021 "VenetoNight", Padova, Maggio 2021
 Lezione per pubblico di tutte le età

OTHER INTERESTS

Photography · Calligraphy · Improvisation Theatre

July 10, 2024