

Giovanni S. Alberti

Curriculum Vitae



CONTACT INFO Machine Learning Genoa Centre (MaLGa)
Department of Mathematics
University of Genoa
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16146 Genova, Italy

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giovanni.alberti@unige.it
[giovannisalberti.github.io](https://github.com/giovanisalberti)

PERSONAL INFO Date of Birth: 6th August 1987
Nationality: Italian
Languages: English (fluent), French (fluent), Italian (mother tongue)

EMPLOYMENT 2024 – now [University of Genoa](#), Dept. of Mathematics, full professor
2022 – 2024 [University of Genoa](#), Dept. of Mathematics, associate professor
2016 – 2022 [University of Genoa](#), Dept. of Mathematics, assistant professor
2015 – 2016 [ETH Zürich](#), Department of Mathematics, Postdoc
2014 – 2015 [École Normale Supérieure, Paris](#), DMA, Postdoc

EDUCATION 2011 – 2014 [University of Oxford](#), Doctor of Philosophy in Mathematics
2006 – 2011 [University of Genoa](#), BSc+MSc in Maths (110/110 *cum laude*)

RESEARCH INTERESTS Partial differential equations, inverse problems, functional analysis, applied harmonic analysis, wavelets, compressed sensing, machine learning

GRANTS 2023 – 2026 AFOSR, Co-PI, \$240K
2023 – 2025 PRIN 2022, PI, €190K
2022 – 2027 ERC Starting Grant 2021, PI, €1,2M
2021 – 2023 UniGe BIPE “Promoting Competitiveness”, PI, €85K
2020 – 2023 AFOSR, Co-PI, \$253K
2019 – 2021 UniGe starting grant “Curiosity driven”, PI, €60K
2016 – 2018 ETH Postdoctoral Fellowship co-funded by ETH and Marie Curie actions (salary and research funding), PI, CHF 225K
2011 – 2015 EPSRC Doctoral Training Award (University of Oxford)

HONOURS & AWARDS 2025 Calderón prize (Inverse Problems International Association)
2021 Abilitazione Professore I Fascia in Analisi Matematica
2021 Selected for “Emerging Talents 2021” of the journal *Inverse Problems*
2018 Eurasian Association on Inverse Problems Young Scientist Award
2017 Abilitazione Professore II Fascia in Analisi Matematica
2017 Premio “Giacchino Iapichino” per l’Analisi Matematica
2015 IMA Lighthill-Thwaites Prize Finalist

PUBLICATIONS **Preprints**

- [P9] D. Elbrächter, G.S.A. and M. Santacesaria, *MAD: Manifold Attracted Diffusion*, 2025.
- [P8] G.S.A., E. De Vito, B. Gariboldi and G. Gigante, *Sampling theorems for inverse problems on Riemannian manifolds*, 2025.
- [P7] G.S.A., D. Lazzaro, S. Morigi, L. Ratti and M. Santacesaria, *Deep Unfolding Network for Nonlinear Multi-Frequency Electrical Impedance Tomography*, 2025.
- [P6] G.S.A., R. Petit and C. Poon, *On the non-convexity issue in the radial Calderón problem*, 2025.
- [P5] G.S.A., R. Petit and S. Sanna, *A convex lifting approach for the Calderón problem*, 2025.
- [P4] G.S.A., S. Cen and Z. Zhou, *Finite element approximation for quantitative photoacoustic tomography in a diffusive regime*, 2025.
- [P3] G.S.A., A. Felisi, M. Santacesaria and S. I. Trapasso, *Compressed sensing for inverse problems II: applications to deconvolution, source recovery, and MRI*, 2025.
- [P2] G.S.A., E. De Vito, T. Helin, M. Lassas, L. Ratti and M. Santacesaria, *Learning sparsity-promoting regularizers for linear inverse problems*, 2024.
- [P1] R. Alaifari, G.S.A. and T. Gauksson, *On L^∞ stability for wave propagation and for linear inverse problems*, 2024.

Journal articles

- [A37] G.S.A., L. Ratti, M. Santacesaria and S. Sciutto, *Learning a Gaussian Mixture for Sparsity Regularization in Inverse Problems*, IMA J. Numer. Anal., to appear.
- [A36] G.S.A., A. Felisi, M. Santacesaria and S. I. Trapasso, *Compressed sensing for inverse problems and the sample complexity of the sparse Radon transform*, J. Eur. Math. Soc., to appear.
- [A35] G.S.A., D. Barnes, A. Jambhale and R. Nickl, *On low frequency inference for diffusions without the hot spots conjecture*, Math. Stat. Learn. 8, no. 3/4, pp. 305–322, 2025.
- [A34] B. Hu, Y. Shan, Y. Zhao, B. Wang, S. Zhou, G.S.A., W. Ma, B. Detmann, L. Briangon *Tunneling beneath the pile-raft foundations of high-speed railways: Progressive arching deformation and pile settlement behavior*, Undergr. Space, 25, 54–73, 2025.
- [A33] S. Sun and G.S.A, *The learned range test method for the inverse inclusion problem*, SIAM J. Appl. Math., 85(4), 1881–1905, 2025.
- [A32] G. Wang, Y. Shan, W. Lin, Z. Tian, S. Zhou, G.S.A., B. Detmann, T. Zhou and J. Chen, *A lightweight physics-data-driven method for real-time prediction of subgrade settlements induced by shield tunneling*, Comput. Aided Civ. Infrastruct. Eng., 40, 3259–3278, 2025.
- [A31] G.S.A., M. Santacesaria and S. Sciutto, *Continuous Generative Neural Networks: A Wavelet-Based Architecture in Function Spaces*, Numer. Func. Anal. Opt., 46(1), 2024.
- [A30] Q. Liu, B. Lv, H. Konietzky, G.S.A., K. S. Lee, C. Zhang, P. Han, L. Wang and Y. Cheng, *A Novel Method for Rock Permeability Determination Based on the Pressure Pulse Decay Method and Inverse Numerical Simulations*, Rock Mech. Rock Eng., 57, 2024.
- [A29] B. Hu, Y. Shan, Y. Zhao, B. Wang, S. Zhou, G.S.A., W. Ma and B. Detmann, *Experimental study on tunneling-induced soil arching evolution in pile-raft foundations*, Transp. Geotech., 48, 101340, 2024.
- [A28] G.S.A., J. Hertrich, M. Santacesaria and S. Sciutto, *Manifold Learning by Mixture Models of VAEs for Inverse Problems*, J. Mach. Learn. Res., 25(202),1–35, 2024.

- [A27] G.S.A., R. Petit and M. Santacesaria, *Localization of point scatterers via sparse optimization on measures*, SIAM J. Imaging Sci., 17(3), 619–1649, 2024.
- [A26] R. Alaifari, G.S.A. and T. Gauksson, *Localized adversarial artifacts for compressed sensing MRI*, SIAM J. Imaging Sci., 16(4), SC14–SC26, 2023.
- [A25] G.S.A., Á. Arroyo and M. Santacesaria, *Inverse problems on low-dimensional manifolds*, Nonlinearity, 36, 734–808, 2023.
- [A24] G.S.A., *Non-zero constraints in elliptic PDE with random boundary values and applications to hybrid inverse problems*, Inverse Probl. 38, 124005, 2022.
- [A23] G.S.A. and M. Santacesaria, *Calderón’s Inverse Problem with a Finite Number of Measurements II: Independent Data*, Appl. Anal., 101(10), 3636–3654, 2022.
- [A22] G.S.A. and M. Santacesaria, *Infinite-dimensional inverse problems with finite measurements*, Arch. Rational Mech. Anal., 243(1), 1–31, 2022.
- [A21] G.S.A. and Y. Capdeboscq, *Combining the Runge approximation and the Whitney embedding theorem in hybrid imaging*, Int. Math. Res. Notices, 2022(6), 4387–4406, 2022.
- [A20] G.S.A., P. Campodónico and M. Santacesaria, *Compressed sensing photoacoustic tomography reduces to compressed sensing for undersampled Fourier measurements*, SIAM J. Imaging Sci., 14(3), 1039–1077, 2021.
- [A19] G.S.A. and M. Santacesaria, *Infinite dimensional compressed sensing from anisotropic measurements and applications to inverse problems in PDE*, ACHA, 50, 105–146, 2021.
- [A18] G.S.A., Y. Capdeboscq and Y. Privat, *On the randomised stability constant for inverse problems*, Math. in Engineering, 2(2): 264–286, 2020.
- [A17] G.S.A., F. Bartolucci, F. De Mari and E. De Vito, *Unitarization and Inversion Formulae for the Radon Transform between Dual Pairs*, SIAM J. Math. Anal., 51(6), 2019.
- [A16] G.S.A. and M. Santacesaria, *Calderón’s Inverse Problem with a Finite Number of Measurements*, Forum Math. Sigma, 7, e35, 2019.
- [A15] G.S.A., H. Ammari, F. Romero and T. Wintz, *Dynamic Spike Superresolution and Applications to Ultrafast Ultrasound Imaging*, SIAM J. Imaging Sci., 12(3), 1501–1527, 2019.
- [A14] G.S.A., M. Brown, M. Marletta and I. Wood, *Essential spectrum for Maxwell’s equations*, Ann. Henri Poincaré, 20(5), 1471–1499, 2019.
- [A13] G.S.A., *Hölder regularity for Maxwell’s equations under minimal assumptions on the coefficients*, Calc. Var. Partial Differential Equations, 57(3), 71, 2018.
- [A12] G.S.A., G. Bal and M. Di Cristo, *Critical Points for Elliptic Equations with Prescribed Boundary Conditions*, Arch. Rational Mech. Anal., 226(1), 117–141, 2017.
- [A11] G.S.A., S. Dahlke, F. De Mari, E. De Vito and S. Vigogna, *Continuous and discrete frames generated by the evolution flow of the Schrödinger equation*, Anal. Appl., 2017.
- [A10] G.S.A., H. Ammari, F. Romero and T. Wintz, *Mathematical Analysis of Ultrafast Ultrasound Imaging*, SIAM J. Appl. Math., 77(1), 1–25, 2017.
- [A9] G.S.A. and H. Ammari, *Disjoint sparsity for signal separation and applications to hybrid inverse problems in medical imaging*, ACHA, 42(2), 319–349, 2017.
- [A8] G.S.A., H. Ammari, B. Jin, J.-K. Seo and W. Zhang, *The Linearized Inverse Problem in Multifrequency Electrical Impedance Tomography*, SIIMS, 9(4), 1525–1551, 2016.
- [A7] G.S.A., *Absence of Critical Points of Solutions to the Helmholtz Equation in 3D*, Arch. Rational Mech. Anal., 222(2), 879–894, 2016.
- [A6] G.S.A., *Enforcing local non-zero constraints in PDEs and applications to hybrid imaging problems*, Comm. PDE, 40(10), 1855–1883, 2015.

- [A5] G.S.A., *On multiple frequency power density measurements II. The full Maxwell's equations*, J. Differ. Equations, 258(8), 2767–2793, 2015.
- [A4] G.S.A. and Y. Capdeboscq, *Elliptic regularity theory applied to time harmonic anisotropic Maxwell's equations with less than Lipschitz complex coefficients*, SIMA, 46(1), 2014.
- [A3] G.S.A., F. De Mari, E. De Vito and L. Mantovani, *Reproducing subgroups of $SP(2, \mathbb{R})$. Part II: Admissible Vectors*, Monatsh. Math., 173(3), 261–307, 2014.
- [A2] G.S.A., *On multiple frequency power density measurements*, Inverse Probl., 29(11), 115007, 2013.
- [A1] G.S.A., L. Balletti, F. De Mari and E. De Vito, *Reproducing subgroups of $SP(2, \mathbb{R})$. Part I: Algebraic Classification*, J. Fourier Anal. and Appl., 19(4), 651–682, 2013.

Books

- [B1] G.S.A. and Y. Capdeboscq, *Lectures on elliptic methods for hybrid inverse problems*, Cours Spécialisés 25, Société Mathématique de France, 2018.

Book chapters and proceedings

- [C7] G.S.A., E. De Vito, M. Lassas, L. Ratti and M. Santacesaria, *Learning the optimal regularizer for inverse problems*, NeurIPS 2021.
- [C6] G.S.A., F. Bartolucci, F. De Mari and E. De Vito, *Radon Transform: Dual Pairs and Irreducible Representations*, Appl. Numer. Harmon. Anal., 1–28, 2020.
- [C5] R. Alaifari, G.S.A. and T. Gauksson, *ADef: an Iterative Algorithm to Construct Adversarial Deformations*, ICLR 2019.
- [C4] G.S.A., S. Dahlke, F. De Mari, E. De Vito and H. Führ, *Recent Progress in Shearlet Theory: Systematic Construction of Shearlet Dilation Groups, Characterization of Wavefront Sets, and New Embeddings*, Appl. Numer. Harmon. Anal., 127–160, 2017.
- [C3] G.S.A. and Y. Capdeboscq, *On local non-zero constraints in PDE with analytic coefficients*, Contemp. Math., vol. 660, AMS, 2016, pp. 89-97.
- [C2] G.S.A., H. Ammari and K. Ruan, *Multi-frequency acousto-electromagnetic tomography*, Contemp. Math., vol. 658, AMS, 2016, pp. 67-79.
- [C1] G.S.A. and Y. Capdeboscq, *À propos de certains problèmes inverses hybrides*, Seminaire: Equations aux Dérivées Partielles. 2013–2014, Exp. No. II. École Polytech.

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|---------------|--|
| PROFESSIONAL | European Laboratory for Learning and Intelligent Systems (ELLIS) |
| MEMBERSHIPS | Inverse Problems International Association (IPIA) IFIP working group Inverse Problems and Imaging Gruppo UMI Matematica per l'intelligenza artificiale e il machine learning Gruppo UMI Matematica delle Immagini, della Visione e delle loro Applicazioni (MIVA) |
| INSTITUTIONAL | EAIP Young Scientist Award Committee (2022, 2024) |
| MEMBERSHIPS | PhD Committee of Adrian Kirkeby (DTU, Copenhagen, 2019), Francesca Bartolucci (UniGe, 2020), Paolo Massa (UniGe, 2022), Andreas Habring (University of Graz, 2023), Elena Rizzo (UniGe, 2025) Scientific Committee, PhD in Mathematics and applications, UniGe |

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|--------------|-----------|--|
| EDITOR | 2025-now | Mathematical Foundations of Machine Learning |
| | 2024-now | SIAM Journal on Imaging Sciences |
| | 2023-now | Numerical Functional Analysis and Optimization |
| | 2023-now | Inverse Problems |
| | 2022-now | Communications on Analysis and Computation |
| | 2019-2021 | Inverse Problems in Science and Engineering |
| SUPERVISION | | Postdocs |
| | 2025-now | Nesrine Aroua, Wadim Gerner, Fedor Goncharov |
| | 2024-2025 | Markus Holzleitner, Dennis Elbrächter |
| | 2023-2024 | Romain Petit, Anupam Gumber |
| | 2020-2023 | Luca Ratti |
| | 2020-2022 | S. Ivan Trapasso |
| | 2019-2020 | Ángel Arroyo |
| | | PhD students |
| | | Simone Sanna (2023-now), Işıl Güleken (2022-now), Alessandro Felisi (2021-2025), Silvia Sciutto (2020-2024), Tandri Gauksson (2018-2024, ETH Zürich) |
| | | Master's students |
| | | Giacomo Traverso (2025), Matteo Arscone (2025), Lorenzo Bozzi (2024), Veronica Raffetto (2024), Lorenzo Sacchi (2023), Simone Sanna (2023), Camilla Casaleggi (2023), Silvia Sciutto (2020), Paolo Campodonico (2019), Luca Di Fazio (2018, co-supervision, University of Catania), Victor Storchan (2015, co-supervision, École Normale Supérieure) |
| | | Bachelor's students |
| | | N. Venerandi (2025), R. Capurro (2025), D. Poli (2025), M. Pesce (2025), R. Bertolini (2024), L. Finotti (2023), G. Traverso (2023), M. Arscone (2022), S. Buzzo (2022), S. Sanna (2021), M. Bertuzzo (2021), F. Papallo (2020), L. Bozzi (2020), B. Ravera (2020), M. Baracchini (2019), E. Dellepiane (2019), D. Parodi (2019), S. Sciutto (2018) |
| ORGANISATION | 9/2026 | Applied Harmonic Analysis and Machine Learning, <i>UniGe</i> |
| | 9/2024 | Applied Harmonic Analysis and Machine Learning, <i>UniGe</i> |
| | 6/2023 | INdAM Workshop on Learning for Inverse Problems, <i>INdAM, Rome</i> |
| | 5/2022 | XLI Convegno di Analisi Armonica, <i>University of Genoa</i> |
| | 5/2022 | Electrical Impedance Tomography: Theory and Applications, <i>IPMS</i> |
| | 3/2022 | Data-Driven Methods in Inverse Problems & Imaging, <i>SIAM IS</i> |
| | 9/2019 | Applied Harmonic Analysis and Machine Learning, <i>UniGe</i> |
| | 7/2019 | Compressed Sensing meets Inverse Problems, <i>AIPC 2019</i> |
| | 5/2018 | Direct and Inverse Problems for Maxwell's Equations, <i>IPMS 2018</i> |
| | 7/2017 | Summer School on Applied Harmonic Analysis, <i>University of Genoa</i> |
| CONFERENCE | 7/2026 | IMSE 2026, <i>University of Basilicata</i> |
| TALKS | 7/2026 | Foundations of Computational Mathematics, <i>University of Vienna</i> |

- 7/2026 AIMS Conference, *University of Athens*
- 5/2026 Inverse Problems in PDEs and Geometry, *Cortona, Italy*
- 7/2025 Applied Inverse Problems Conference, *FGV EMAP, Rio de Janeiro*
- 6/2025 Inverse Problems in Milan, *University of Milan*
- 12/2024 AIMS Conference, *NYU Abu Dhabi*
- 12/2024 Tomography Across the Scales Meeting, *Obergurgl, Austria*
- 10/2024 Deep Learning for PDE-based Inverse Problems, *MFO Oberwolfach*
- 9/2024 Statistical aspects of non-linear inverse problems, *Cambridge, UK*
- 7/2024 AMS-UMI Joint Meeting, *University of Palermo, Italy*
- 5/2024 XLIII Convegno nazionale di analisi armonica, *University of Padua*
- 5/2024 International Conference on Elliptic and Parabolic Problems, *Gaeta*
- 2/2024 SIAM conference on Uncertainty Quantification, *Trieste, Italy*
- 1/2024 Inverse Problems in the Physical Sciences, *Puerto Varas, Chile*
- 12/2023 CoMFoS23: Mathematical Aspects of Continuum Mechanics 2023
- 11/2023 Control Methods in Hyperbolic PDEs, *MFO Oberwolfach*
- 9/2023 Congresso UMI 2023, *University of Pisa*
- 9/2023 Applied Inverse Problems Conference (plenary speaker), *Göttingen*
- 7/2023 Deep Learning for Computational Physics (keynote speaker), *UCL*
- 6/2023 Leveraging model- and data-driven methods in medical imaging, *BIRS, UBC Okanagan*
- 5/2023 MATH + X Symposium on Dynamos, Planetary Exploration and General Relativity, Inverse Problems and Machine Learning, *Hella*
- 2/2023 2023 BASP Frontiers workshop, *Villars-sur-Ollon – Switzerland*
- 12/2022 Inverse problems in the desert, *New York University Abu Dhabi*
- 12/2022 Recent advances in direct and inverse problems for PDEs and applications, *Sapienza University of Rome*
- 11/2022 Inverse problems on large scales, *RICAM, Linz – Austria*
- 10/2022 PICOF 2022 (plenary speaker), *Caen – France*
- 9/2022 MIA-MIVA workshop, *Université Côte d’Azur*
- 3/2022 SIAM Conference on Imaging Science
- 11/2021 Statistical aspects of non-linear inverse problems, *Banff – Canada*
- 9/2021 Chemnitz Symposium on Inverse Problems 2021, *Klagenfurt*
- 9/2021 IFIP TC7 Conference on System modeling and optimization, *Quito*
- 9/2021 SIMAI 2020, *University of Parma*
- 3/2021 Tomographic Reconstructions and their Startling Applications, *ESI*
- 9/2020 Inverse Problems for PDEs: A one day webinar in occasion of the 65th birthday of Sergio Vessella
- 7/2020 SIAM Conference on Imaging Science
- 6/2020 Convegno Nazionale di Analisi Armonica, *University of Bologna*
- 9/2019 Dynamics, Equations and Applications 2019, *AGH UST, Kraków*
- 7/2019 Applied Inverse Problem Conference, *University of Grenoble*
- 6/2019 Reconstruction Methods for Inverse Problems, *Banff – Canada*
- 5/2019 Inverse Problems and Machine Learning Workshop, *CRM, Montreal*
- 5/2019 Spring Workshop on Computational Mathematics, Statistics and Machine Learning, *University of Pavia*
- 1/2019 Operators, Operator Families, and Asymptotics II, *Bath – UK*

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| | 6/2018 | SIAM Conference on Imaging Science, <i>Bologna</i> |
| | 5/2018 | Reconstruction Methods in Inverse Problems, <i>INDAM, Rome</i> |
| | 5/2018 | Inverse Problems: Modeling & Simulation (plenary speaker), <i>Malta</i> |
| | 3/2018 | Inverse Problems, Imaging and PDEs, <i>IAS, Hong Kong</i> |
| | 1/2018 | Trends in Hybrid Data Tomography, <i>DTU, Copenhagen</i> |
| | 7/2017 | Radon meets Bell and Maxwell, <i>RICAM, Linz – Austria</i> |
| | 5/2017 | Applied Inverse Problem Conference, <i>Hangzhou – China</i> |
| | 4/2017 | Inverse Problems Network Meeting 1, <i>Cardiff University</i> |
| | 3/2017 | 100 Years of the Radon Transform, <i>RICAM, Linz – Austria</i> |
| | 2/2017 | INdAM Workshop on Biomedical Imaging, <i>Sapienza, Rome</i> |
| | 6/2016 | Computational and Analytic Problems in Spectral Theory, <i>Cardiff</i> |
| | 6/2016 | PICOF 2016, <i>Autrans – France</i> |
| | 3/2016 | New trends in Hybrid Ultrasonic Imaging, <i>Orléans – France</i> |
| | 12/2015 | Inverse Problems Workshop, <i>Marseille – France</i> |
| | 11/2015 | Compressive Sensing and Sparsity: Theory and Applications in Tomography, <i>University of Manchester</i> |
| | 10/2015 | Mathematics for Imaging Workshop, <i>ETH Zürich</i> |
| | 7/2015 | EquaDiff 2015, <i>Université Claude Bernard Lyon 1</i> |
| | 6/2015 | Hybrid Methods in Imaging, <i>Banff – Canada</i> |
| | 5/2015 | Applied Inverse Problem Conference, <i>University of Helsinki</i> |
| | 3/2015 | British Applied Mathematics Colloquium, <i>University of Cambridge</i> |
| | 3/2015 | Real and complex manifolds: geometry, topology and harmonic analysis, <i>Scuola Normale Superiore di Pisa</i> |
| | 12/2014 | Inverse Days 2014, <i>Tampere – Finland</i> |
| | 8/2014 | Imaging, Multi-scale and high contrast PDEs, <i>NIMS – Korea</i> |
| | 7/2014 | The 10 th AIMS Conference on Dynamical Systems, Differential Equations and Applications, <i>Universidad Autónoma de Madrid</i> |
| | 7/2014 | Hybrid imaging and multi-modal imaging, <i>Manchester University</i> |
| | 7/2014 | Young Researchers in Mathematics, <i>University of Warwick</i> |
| | 6/2014 | Workshop Imagerie Multi-Ondes, <i>Université Fourier – Grenoble</i> |
| | 2/2014 | Problèmes Inverses et Imagerie, <i>Institut Henri Poincaré – Paris</i> |
| | 1/2014 | 6 th South West Regional PDE Winter School, <i>Oxford University</i> |
| | 7/2013 | Applied Inverse Problem Conference, <i>KAIST – Korea</i> |
| INVITED COURSES | 1/2025 | Geilo Winter Schools in eScience, <i>Geilo, Norway</i> |
| | 1/2025 | Advanced Numerical Methods for Machine and Deep Learning, <i>University of Ferrara</i> |
| | 1/2018 | PhD School on Hybrid Data Tomography, <i>DTU, Copenhagen</i> |
| | 4/2017 | Spring School in Analysis, <i>Polish Academy of Sciences</i> |
| | 2/2017 | INdAM Workshop on Biomedical Imaging, <i>Sapienza, Rome</i> |
| SEMINARS | 10/2025 | International Zoom Inverse Problems Seminar |
| | 12/2024 | Data-Enabled Science Seminar, <i>University of Houston</i> |
| | 11/2024 | <i>Imperial College London</i> |
| | 11/2024 | Applied Mathematics Seminar, <i>University of Warwick</i> |
| | 11/2024 | Harmonic Analysis E-Seminars |

2/2024 Statistics Seminar, *University of Cambridge*
 5/2023 *Collegio Fonda, Trieste*
 5/2023 Webinar on Scientific Machine Learning, *NYCU, Taiwan*
 11/2022 Analysis seminar, *University of Milan*
 9/2022 IAS Program on Inverse Problems, Imaging and PDEs, *HKUST*
 4/2022 UMI AI&ML&MAT
 3/2022 Partial Differential Equation and Applications Seminar, *Warwick*
 3/2022 Seminari di Matematica Applicata, *University of Pavia*
 3/2022 Machine Learning Seminar, *Italian Institute of Technology*
 1/2022 Applied Analysis Seminar, *University of Heidelberg*
 12/2021 OneWorld IMAGINE seminar
 10/2021 Mathematics Colloquium, *New York University Abu Dhabi*
 10/2021 Analysis & PDE Seminar, *Cardiff University*
 3/2021 Inverse Problems Seminar Series, *UCL – London*
 1/2021 Mathematical Methods in the Theory of Electromagnetism, *Padua*
 4/2019 Colloquium in Applied and Computational Math., *ETH Zürich*
 10/2018 PDE CDT Lunchtime Seminar, *University of Oxford*
 7/2018 Analysis Seminar, *University of Catania*
 6/2018 Differential Equations and Applications, *University of Padua*
 5/2018 Seminar of Calculus of Variations and PDEs, *University of Florence*
 4/2018 D.A.T.A & Crostata Seminars, *University of Genoa*
 10/2016 Analysis Seminar, *Politecnico di Milano*
 10/2016 PDE Seminar, *Université de Lorraine*
 6/2016 Analysis Seminar, *Università di Trieste*
 10/2015 Inverse Problems Seminar Series, *UCL – London*
 6/2015 Inverse Problems Seminar, *IHP – Paris*
 2/2015 Applied Harmonic Analysis Seminar, *Università di Genova*
 11/2014 ENS Analysis Seminar, *ENS – Paris*
 10/2014 Maths for Imaging Seminar, *ENS – Paris*
 5/2014 OXPDE Lunchtime Seminar, *University of Oxford*
 3/2014 MACSI Seminar Series, *University of Limerick*
 11/2013 Graduate Seminar, *St Peter's College – Oxford University*
 2/2013 MIDA Seminar, *Università di Genova*
 1/2013 OXPDE Junior Seminar, *Oxford University*

TEACHING

See rubrica.unige.it/personale/VkNCX19s