Claudia Rella

rella@ihes.fr | claudiarella.com Institut des Hautes Études Scientifiques (IHES) 35 Route de Chartres, 91440 Bures-sur-Yvette, France

SEMINARS

- 2025, Nov Seminar on Asymptotics, Geometry, and Physics, University of Southampton, UK (*)
- 2025, May Random Matrix Theory Seminar, University of Oxford, UK
- 2025, May Mathematical Physics and Algebraic Geometry Seminar, CMSA, Harvard University, USA
- 2024, Nov The Seed Seminar of Mathematics and Physics, IHP, France
- 2024, May String Theory Seminar, University of Geneva, Switzerland
- 2024, May Mathematics Seminar, Yale University, USA
- 2024, Apr String Theory Seminar, CERN, Switzerland
- 2024, Mar Seminar on Quantum Modularity and Resurgence, IHES, France
- 2023, Dec Geometry and Physics Seminar, University of Sheffield, UK
- 2023, Nov QM Research Seminar, Centre for Quantum Mathematics, SDU, Denmark
- 2023, Apr Mathematics Seminar, IHES, France
- 2023, Mar Physical Mathematics Seminar, University of Geneva, Switzerland
- 2019, Nov Seminar on Lie Groups and Moduli Spaces, University of Geneva, Switzerland
- 2017, Dec PADME Weekly Seminar, INFN LNF, Italy

TALKS AT WORKSHOPS AND CONFERENCES

- 2025, Oct Mini-Workshop on Resurgence, Difference Equations and Quantum Modularity, MFO, Germany (*)
- 2025, Aug ReNewQuantum Closing Conference, SDU, Denmark
- 2025, Apr Conference on Higher Structures, Moduli Spaces, and Integrability, Universität Hamburg, Germany
- 2025, Mar Workshop on The Arithmetic of Calabi-Yau Manifolds, MITP, Germany
- 2025, Jan Youngst@rs Physics and Number Theory, MITP, Germany
- 2024, Oct Workshop on Holonomic Techniques for Feynman Integrals, MPP, Germany
- 2024, Sep GAP XIX: Moduli spaces and higher structures, Sapienza University of Rome, Italy
- 2024, May Workshop on Resurgence and Modularity in QFT and String Theory, GGI, Italy
- 2024, Feb Workshop on Positive Geometry in Particle Physics and Cosmology, MPI MiS, Germany
- 2023, Jul 29th Nordic Congress of Mathematicians with EMS, Aalborg, Denmark
- 2022, Nov Workshop on Mathematics of Beyond All-Orders Phenomena, University of Cambridge, UK
- 2019, Aug Conference on Representation Theory and Integrable Systems, ETH Zürich, Switzerland

2024, Jan – SwissMAP Winter School in Mathematical Physics, SwissMAP Research Station, Switzerland

2019, Oct - Master Class in Mathematical Physics, University of Geneva, Switzerland

2018, Mar-May – Excellence Program in Physics, Sapienza University of Rome, Italy

ORGANIZED EVENTS

2025, Oct – Mini-Workshop on Resurgence, Difference Equations and Quantum Modularity, MFO, Germany (*) With Murad Alim, Veronica Fantini, and Lotte Hollands

ATTENDED EVENTS

- Workshop on Mathematical Structures of Amplitudes, ESI, Austria, Mar 2026 (\$\dagger\$)
- Networks in Physics and Geometry: Spectral, Exponential, and Beyond, LMO, France, July 2025
- Journeé Résurgence, LMO, France, May 2025
- Strings 2024, CERN, Switzerland, June 2024
- Mathematical Aspects of Scattering Amplitudes, CMSA, Harvard University, USA, May 2024
- Wall-Crossing Structures, Analyticity, and Resurgence, IHES, France, Jun 2023
- Quantization and Resurgence, SwissMAP Research Station, Switzerland, Jan Feb 2023
- ReNewQuantum Internal Workshop, Southern Denmark University, Denmark, Aug 2022
- Nonperturbative Methods in Quantum Field Theory, CERN, Switzerland, May Jun 2022
- GeNeZiSS Mini-Conference of the Swiss String Theory Community, University of Bern, Switzerland, May 2022
- Recent Developments in Quantum Monte Carlo, Enrico Fermi Research Centre, Italy, Oct 2021
- Snowmass Day, Zoom @ Fermilab, US, Sep 2021
- 8th SwissMAP General Meeting, SwissMAP Research Station, Switzerland, Sep 2021
- Summer School on Topological Recursion, Otranto, Italy, Sep 2021
- Young Researchers Symposium and XX International Congress on Mathematical Physics, Zoom @ Geneva, Switzerland, Jul Aug 2021
- Particle Physics Winter Conference A Rainbow of Dark Sectors, Zoom @ Aspen Center for Physics, US, Mar 2021
- Women at the Intersection of Mathematics and Theoretical Physics, Zoom @ Perimeter Institute, Canada, Feb 2021
- Workshop in Mathematics and Physics, Zoom @ University of Geneva, Switzerland, Jan 2021
- SwissMAP Winter School in Mathematical Physics, Zoom @ SwissMAP Research Station, Switzerland, Jan 2021
- GeNeZiSS Mini-Conference of the Swiss String Theory Community, Zoom @ University of Bern, Switzerland, Dec 2020
- Solvay Doctoral School on Quantum Field Theory, Strings and Gravity, Zoom @ Brussels-Geneva-Amsterdam, Europe, Oct – Dec 2020
- Snowmass Community Planning Meeting, Zoom @ Fermilab, US, Oct 2020
- 7th SwissMAP General Meeting, Zoom @ Saanenmöser, Switzerland, Sep 2020
- Master Class and Conference Amplitudes 2020, Zoom @ Brown University, US, May 2020
- SwissMAP Winter School in Mathematical Physics, Les Diablerets, Switzerland, Feb 2020
- 6th SwissMAP General Meeting, Villars-sur-Ollon, Switzerland, Sep 2019
- Representation Theory and Integrable Systems, ETH, Switzerland, Aug 2019
- Modular Forms, Periods and Scattering Amplitudes, ETH-ITS, Switzerland, Feb 2019
- Quantum Foundations. New frontiers in testing quantum mechanics, INFN-LNF, Italy, Nov 2017
- Quantum Foundations. The physics of "what happens" and the measurement problem, INFN-LNF, Italy, May 2017