

Conformal Field Theories: Randomness and Geometry

(18 May 2026–29 May 2026)

List of Speakers and Talks' Title

Name and Affiliation	Talk Title
Morris Jie Jun Ang University of California, San Diego, USA	Liouville CFT and the Quantum Zipper
Guillaume Baverez Peking University, China	Random Jordan Curves: Overview and Recent Progress
Baptiste Cerclé CNRS - Sorbonne University, France	Toda Theories and W-algebras
Victor Ginsburg University of California, Berkeley, USA	Temperature Chaos for Polymers
Colin Guillarmou Université Paris Saclay, France	<i>Minicourse</i> Conformal Blocks and Modular Functor from Probability
Haakan Hedenmalm Royal Institute of Technology , Sweden	Bombieri-type Inequalities and Equidistribution of Points
Makoto Katori Chuo University, Japan	Stochastic Log-gases and Multiple Schramm--Loewner Evolutions
Semyon Klevtsov Institut de Recherche Mathématique Avancée, Université de Strasbourg, France	<i>Minicourse</i> Quantum Hall States at the Interface of Geometry, Probability and Physics
Kalle Kytölä Aalto University, Finland	Local Fields in Lattice Models and Conformal Field Theories
Thierry Lévy Sorbonne Université, France	<i>Minicourse</i> Height Functions in 2-dimensional Yang-Mills Theory
Remi Rhodes Aix-Marseille Université, France	<i>Minicourse</i> Probabilistic approach to Liouville Conformal Field Theory
Nicolas Rougerie Ecole Normale Supérieure de Lyon, France	<i>Minicourse</i> Fractional Quantization: the Laughlin State and its Perturbations

Name and Affiliation	Talk Title
Xin Sun Beijing International Center for Mathematical Research, China	Liouville Quantum Gravity: from Random Planar Maps to Conformal Field Theory
Ludvig Svensson Chalmers University, Sweden	Collapsing Behaviour of Two-dimensional Coulomb Gases
Ranjacob Tessler Weizmann institute, Israel	<i>Minicourse</i> Amplituhedra: A New Geometric Framework for (certain) QFTs
Eric Thoma Stanford University, USA	Mean Value Inequalities for the Coulomb Gas
Vilas Sreenivasan Winsten University of California, Berkeley, USA	Correlation Decay in Area-tilted Line Ensembles
Mo Dick Wong University of Hong Kong, Hong Kong SAR	Scaling Limits of Critical FK(4)-decorated Maps