

Combinatorics and Arithmetic for Physics
IHES, 15-17 Nov. 2023

25-10-2023 09:26

CAP23 Speakers and Titles

Row	Speaker	Title
1	M. Bożejko	Fock spaces associated with Coxeter groups of type B .
2	R. Buring	Graph complex action on Poisson structures: from theory to computation.
3	P. Di Francesco	Macdonald dualities in genus one and two.
4	G. H. E. Duchamp	Lazard elimination on arbitrary alphabets, Lyndon words and iterated smash-products.
5	H. Erbin	Introducing string field theory from a geometrical perspective.
6	D. Grinberg	The Redei–Berge symmetric function of a directed graph.
7	D. Gurevich	Combinatorics and quantum invariant differential operators on Reflection Equation algebras.
8	Y. Kanabuko	Inequalities defining polyhedral realizations of affine types and extended Young diagrams.
9	R Kedem	Quantum relativistic Toda Hamiltonians associated with a family of cluster algebras.
10	M. Kuś	Perception of visual art and topological data analysis.
11	H. Nakamura	Demi-shuffle duals of Magnus polynomials in a free associative algebra.
12	T. Nakashima	Categorified Crystal Bases on Localized Quantum Coordinate Rings and Cellular Crystals.
13	H. Notarantonio	Solving equations from combinatorics via computer algebra.
14	Karol A. Penson	Counting restricted set partitions with hypergeometrics.
15	E. Pichon-Pharabod	Periods of hypersurfaces via effective homology.
16	S. Ramgoolam	Combinatorial topological quantum field theories and geometrical constructions of integers in finite group representation theory.
17	T. Scrimshaw	Limit shapes from skew Howe duality.
18	A. Sportiello	What does perturbative field theory teaches us on the statistical properties of Monge-Kantorovich Optimal Transportation in dimension 2?
19	A. Tanasa	Tensor models.
20	J.-B. Zuber	Counting partitions by genus.
21	K. Życzkowski	Thirty-six entangled officers of Euler: quantum solution of a classically impossible combinatorial problem.