

CHAIRE DE LA VALLÉE POUSSIN | 2025 |

Philippe
Di Francesco

CEA Saclay and University of Illinois



 **UCLouvain**

Institut de Recherche en Mathématique et Physique



Philippe Di Francesco is a distinguished mathematical physicist, Research Director at the Institut de Physique Théorique at the CEA Saclay, and Morris and Gertrude Fine Distinguished Professor of Mathematics at the University of Illinois.

He has made major contributions to conformal field theory, exactly solvable models in statistical physics, integrable systems, matrix models, enumerative combinatorics, and cluster algebras.

Philippe Di Francesco was a plenary speaker at the International Congress of Mathematical Physics (ICMP) in 2012 and an invited speaker at the International Congress of Mathematicians (ICM) in 2018. He was elected a member of the French Academy of Sciences in 2024.

Integrable Combinatorics: from exact enumeration to limit shapes

Philippe Di Francesco

Tuesday November 18, 16h15-17h15

Inaugural Lecture

followed by a reception

Integrable Combinatorics

Wednesday November 19, 9h00-10h00

Lecture 1

Tilings, Vertex Models and other remarkable combinatorial objects

Wednesday November 19, 14h00-15h00

Lecture 2

Limit Shapes

Thursday November 20, 9h00-10h00

Lecture 3

Meanders



*All the lectures will be presented in the
AUDITOIRE DE LA VALLÉE POUSSIN (CYCL 01),
MARC DE HEMPTINNE BUILDING,
CHEMIN DU CYCLOTRON 2
Louvain-la-Neuve, Belgium*

More information: www.uclouvain.be/irmp

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