



Closing announcements



Queen Mary
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SAGEX
Scattering Amplitudes:
from Geometry to Experiment



SPECIAL MATHEMATICS COLLOQUIUM

On lines and particles

Centre for Geometry, Analysis and Gravitation · Centre for Combinatorics, Algebra and Number Theory

Date: 3 July 2026 **Time:** 16:00 – 17:00

Location: Maths Lecture Theatre

Professor Bernd Sturmfels

Max Planck Institute for Mathematics in the Sciences, Leipzig

ABSTRACT

Momentum twistors in particle physics are lines in 3-space. We explain how this works and what it means for configurations of lines. Algebraic geometry provides a common language for line incidences, rigidity theory of graphs, and Feynman integrals for scattering amplitudes.



Bernd Sturmfels



SAGEX

Scattering Amplitudes:
from Geometry to Experiment



- Ruth Britto Cuts and Coaction
- Hadleigh Frost Surfaceology
- Gregory Korchemsky IR asymptotics of scattering amplitudes in gauge theory and gravity
- Gustav Mogull Gravitational Scattering from Worldline Quantum Field Theory
- Stefan Weinzierl Feynman Integrals

Organisers: Ömer Gürdoğan, James Drummond



Southampton Theory
Astrophysics and Gravity

Symbols et Periods



<https://indico.global/e/kmpb2026>

KMPB Summer School

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A. Volovich | Introduction to Symbology

A. Matijašić | Elliptic MPLs and their Symbol

J. Broedel | Periods in Mathematical Physics

V. Fantini | Introduction to Resurgence



Berlin

31 Aug - 4 Sep

2026

Deadline for registration: 26 July

Funding for limited number of students available

Deadline for funding applications: 21 June

QCD MEETS GRAVITY BERLIN

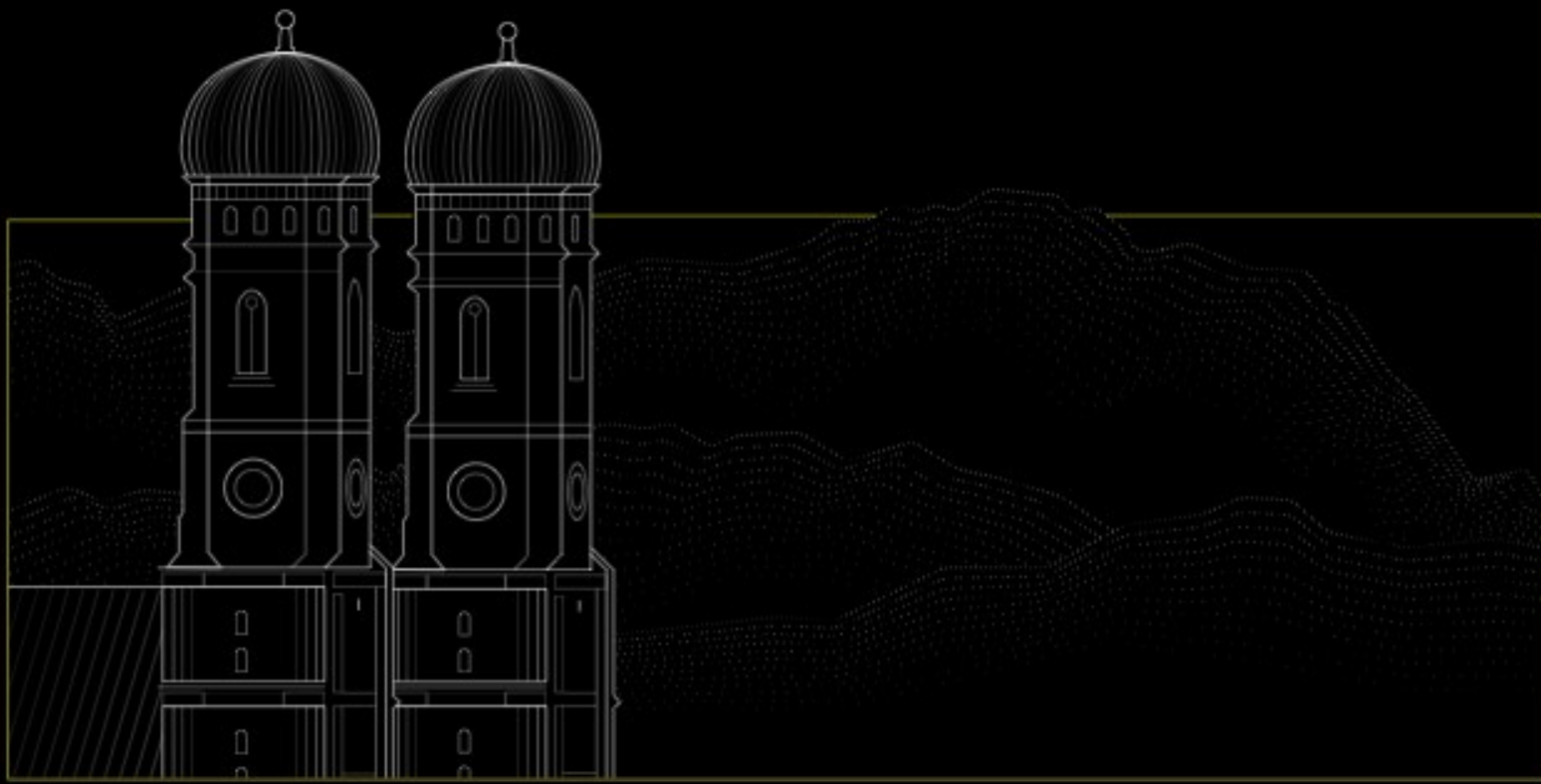
2026

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European Research Council
Established by the European Commission

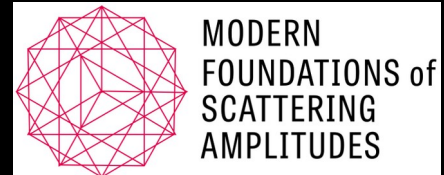




AMPLITUDES 2027

SUMMER SCHOOL — MAINZ JULY 19-23

CONFERENCE — MUNICH JULY 26-30





8th School of Analytic Computing in Theoretical High Energy and Gravitational Physics

Atrani, Italy

11. – 22. October, 2027



Goodbye!

