

Seminar

Computational Algebra

Lehrstuhl D für Mathematik
Prof. Dr. Eva Zerz, Dr. Viktor Levandovskyy

Vortragsankündigung

Zeit und Ort: **Di., 23.02.2010, 10:00 – 11:30** in **Fo 7**, Kármán Gebäude

Vortragender: **Prof. Oliver Schnetz, Universität Erlangen-Nürnberg**

Titel: **Feynman diagrams and graph polynomials in theoretical physics**

Inhalt: Physical Quantum field theory (QFT) started an astonishing career in Mathematics featuring periods of mixed Tate motives, graph theory, finite fields, multiple zeta values and Euler sums, Hopf algebras, and many more.

The talk introduces into some of the most basic mathematical concepts found in QFT. In particular, Feynman diagrams, graph polynomials, and multiple zeta values will be addressed.

Wir laden alle Interessierten herzlich zu diesem Vortrag ein.