



OTTO VON GUERICKE
UNIVERSITÄT
MAGDEBURG

MATH

FAKULTÄT FÜR
MATHEMATIK

Interactions with Lattice Polytopes September 14-16, 2017

Otto-von-Guericke-Universität Magdeburg
Magdeburg, Germany

<https://www.math.ovgu.de/-p-4764>

Speakers

Gennadiy Averkov (Otto-von-Guericke-Universität Magdeburg)
Victor Batyrev (Eberhard-Karls-Universität Tübingen)
Tom Coates (Imperial College London)
Sandra Di Rocco (KTH Stockholm)
Akihiro Higashitani (Kyoto Sangyo University)
Katharina Jochemko (KTH Stockholm)
Lukas Katthän (University of Minnesota)
Valentina Kiritchenko (Higher School of Economics, Moscow)
Mateusz Michalek (Max Planck Institute for Mathematics in the Sciences, Leipzig)
Milena Pabiniak (Universität zu Köln)
Hendrik Süß (University of Manchester)
Ketil Tveiten (Uppsala Universitet)

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A three day workshop at Otto-von-Guericke-Universität Magdeburg on lattice polytopes and their interactions with toric geometry, Mirror Symmetry, integer optimisation, commutative algebra, etc. The focus is on how the interaction of these diverse fields with the area of lattice polytopes can reduce the complexity of difficult problems by transferring them to different settings.

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