

Workshop on Optimality in Algebraic Statistics

Room A.E.03, Emil-Figge-Straße 42, 44227 Dortmund

Programme

THURSDAY, FEBRUARY 14TH, 2019

- 14:00 **Opening**
- 14:15 – 15:00 Thomas Kahle, Otto-von-Guericke University
Oriented Gaussoids
- 15:00 – 15:45 Alexandros Grosdos, Osnabrück University
The 0-1-2 of local Dirac mixture moments
- 15:45 **Coffee and tea**
- 16:15 - 17:00 Frank Röttger, Otto-von-Guericke University
Rhomboid Designs for Linear Regression with Correlated Random Coefficients
- 17:00 – 17:45 Arkadius Kalka, Dortmund University of Applied Sciences and Arts
The numerical statistical fan of a noisy experimental design

FRIDAY, FEBRUARY 15TH, 2019

- 09:40 – 10:25 Rainer Schwabe, Otto-von-Guericke University
Symmetry Matters: Group Invariance in Statistics
- 10:25 – 11:10 Piotr Zwiernik, Pompeu Fabra University
Total positivity in structured binary distributions
- 11:10 **Coffee and tea**
- 11:40 – 12:25 Carlos Amendola, Technical University of Munich
Discrete Gaussian Distributions via Theta Functions
- 12:25 **Lunch**
- 13:45 – 14:30 Fabio Rapallo, Università del Piemonte Orientale
Circuits in experimental design
- 14:30 – 15:15 Eliana Duarte, Otto-von-Guericke University
Equations defining probability tree models
- 15:15 **Closing**