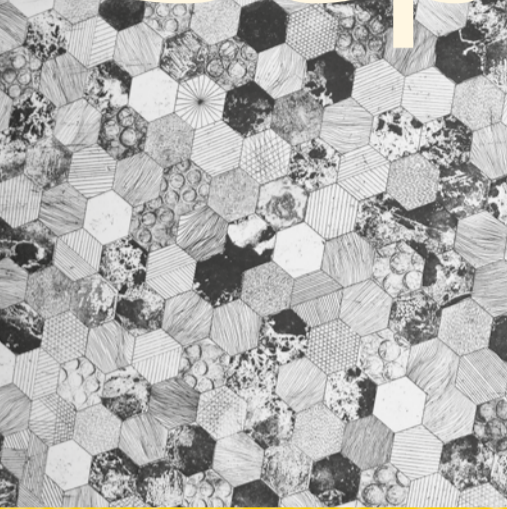# September 17, 2021

HCM Workshop

High Dimensionality and Data Analysis

© www.pexels.com

Organizers: Lena Janys, *Bonn*, Dominik Liebl, *Bonn*
Location: Lipschitz lecture hall, Mathematics Center, Endenicher Allee 60, 53115 Bonn

The analysis of high dimensional data is among the most challenging data problems affecting all empirical sciences. As part of the big data revolution, increasing amounts of data are available to scientists. However, appropriate methods to analyze and process such high dimensional data structures are still being developed. In particular, there is a need for robust methods addressing model selection, uncertainty quantification, and prediction as well as scalable and efficient computational tools for processing high dimensional complex data structures.

This interdisciplinary workshop is intended to bring together the leaders from computer science, numerical simulation, econometrics and statistics working on high dimensional data problems. The aim is to foster exchange between the different disciplines and to discuss recent developments and problems.

Keynote Speakers:

Mathias Drton, *Technical University Munich*
Christian L. Müller, *LMU/Helmholtz Zentrum München & Flatiron Institute New York*

Confirmed speakers:

Siegfried Hörmann, *Technical University Graz*
Johannes Lederer, *University Bochum*
Angelina Roche, *Université Paris Dauphine*
Simon Scheidegger, *Université de Lausanne*
Ulrike Schneider, *Technical University Vienna*

**https://www.hcm.uni-bonn.de/
high-dimensionality-data-analysis/**

ECONtribute
Markets & Public Policy