







## Lothar-Collatz-Seminar

Wed, 04. December  $\cdot$  16:15  $\cdot$  Sedanstr. 19, Room 205

Jule Schütt (Universität Hamburg)

## The generalized Schwarz symmetrization inequality

## Abstract:

The Schwarz symmetrization is a powerful tool to solve geometric problems involving the perimeter, such as the isoperimetric problem. Indeed, the symmetral preserves certain properties of the set, such as the volume, but decreases its perimeter. In this talk, the Schwarz symmetrization inequality is extended to functionals with measure data together with a characterization of the corresponding equality cases and a presentation of model examples as application.

For further information please contact

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