

Gastvortrag

Mittwoch, 19. Juni 2019
Uhrzeit: 13:00 Uhr
Seminarraum I

Kristian Moring
Aalto University

**Global higher integrability of weak
solutions of porous medium systems**

Abstract:

In this talk we consider certain regularity properties related to solutions of Cauchy-Dirichlet problems for systems of porous medium type. More precisely, we discuss the techniques and suitable assumptions under which the spatial gradient of any weak solution is integrable to a larger power than the natural power 2. Both the case of the lateral boundary and the initial boundary are taken into account

Eingeladen von Verena Bögelein