

Fachgebiet Analysis
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Prof. Dr. Friedrich Sauvigny

Fachgebiet Optimierung
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Fachgebiet Optimale Steuerung
Prof. Dr. Gerd Wachsmuth



Forschungsseminar Analysis und Optimierung Sommersemester 2026

Im Rahmen des Forschungsseminars spricht am **Donnerstag, den 18. Juni 2026**

Assoc. Prof. Daniel Daners
University of Sydney

Titel: Lebesgue's cusp and variational Solutions of the Dirichlet problem

Inhalt: We review various approaches to solving the Dirichlet problem for harmonic functions on domains with prescribed continuous boundary data. The aim is to show that a connection to the Poisson problem that allows to always solve the Dirichlet problem using variational methods. We also discuss Lebesgue's example of a domain where the Dirichlet problem does not have a classical solution.

Weitere Details zum Seminar: Der Vortrag findet in Raum HG 3.35 des Zentralcampus Cottbus der BTU statt.