



universität
wien

Fakultät für Mathematik

Mathematisches Kolloquium

Mittwoch, 24. Jänner 2018

Sky Lounge

EINLADUNG

Sebastian Herr

(Universität Bielefeld)

"Harmonic analysis and the Dirac equation"

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Abstract:

First, I will review the connection between restrictions of the Fourier transform to curved hypersurfaces and the analysis of wave equations. Then, I will link this to the mathematics of the Dirac equation, which is a fundamental equation in relativistic quantum mechanics. Finally, I will describe recent progress on nonlinear Dirac equations.

15.00 Uhr: Kaffeejause

15.30 Uhr: Vortrag

vinum cum pane im Anschluss

Roland Donniger
Christian Krattenthaler