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DISTINGUISHED PDE LECTURE

December 16, 2014

14:00 - 15:00

TU Wien, Freihaus,
Green Area, 4th floor, SEM 101C

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Universität Bonn

Self-similar blowup in nonlinear wave equations

I discuss some recent progress in the study of stable self-similar blowup in energy-supercritical wave equations. In particular, I present a proof for the stability of the so-called ODE blowup for the energy-supercritical focusing wave equation without symmetry assumptions. This talk is based on joint work with Birgit Schörkhuber.