

# PDES unplugged

Wave phenomena  
analysis and numerics

June 13 – 14, 2017

Dept. of Mathematics, Room 1.067, KIT

## June 13:

**Catherine Bandle:** *Semilinear elliptic problems with a Hardy potential* **14:00-14:50**  
Univ. Basel

**Nalini Anantharaman:** *Dispersion and controllability for linear Schrödinger equations on compact Riemannian manifolds* **14:55-15:45**  
Univ. Strasbourg

Coffee Break

**Jacopo Bellazzini:** *Long time dynamics for semirelativistic NLS and Half Wave in arbitrary dimension* **16:15-17:05**  
Univ. Sassari

**Jean-Baptiste Casteras:** *Stability of ground state and renormalized solutions to a fourth order Schrödinger equation* **17:10-18:00**  
Univ. Bruxelles

## June 14:

**Lisa Beck:** *Lipschitz regularity and non-uniform ellipticity* **9:00-9:50**  
Univ. Augsburg

**Alberto Saldaña:** *Existence and qualitative properties of elliptic Hamiltonian systems with Neumann boundary conditions* **9:55-10:45**  
KIT

Coffee Break

**Massimo Grossi:** *Radial nodal solutions for Moser-Trudinger problems* **11:15-12:05**  
Sapienza, Univ. Roma

**Michel Willem:** *On some weakly coercive quasilinear problems with a forcing term* **12:10-13:00**  
Univ. Louvain

**Organizers:** Denis Bonheure (Univ. Bruxelles)  
Wolfgang Reichel (KIT)