Workshop on Harmonic analysis and Nonlinear Evolution Equations

23 February 2018, 10:00 ~ 18:30
Aula Magna and Sala Seminari,
Department of Mathematics, Pisa University

Speakers :

Tohru Ozawa (Waseda University) 10:00–10:45
On improved Hardy inequalities

Nicola Visciglia (University of Pisa)11:00–11:45
On the growth of Sobolev norms in compact setting

Jacopo Bellazzini (University of Sassari) 12:00–12:45
Long time dynamics for semirelativistic NLS and half wave equation

Fulvio Ricci (SNS Pisa) : 14:30–15:15
About restriction of the Fourier transform

Mirko Tarulli (Technical University and Institute of Mathematics and Informatics, Sofia) 15:30–16:15
H^2-scattering for systems of weakly coupled fourth-order NLS equations in low space dimensions

Norihisa Ikoma (Kanazawa University) : 16:30–17:00
Uniqueness and nondegeneracy of ground states to scalar field equations

Gianmarco Brocchi (University of Birmingam) 17:15–17:45
Existence of extremizers for a Strichartz estimate for the fourth order Schrodinger equation

Quoc Hung Nguyen (SNS Pisa) 18:00–18:30
Singular integral operators of Kakeya type and quantitative estimates with BV vector fields

Organizers:
Jacopo Bellazzini (University of Sassari)
Kazumasa Fujiwara (SNS PIsa)
Vladimir Georgiev (University of Pisa)

Supported by
- University of Pisa
- UNIT: Multiscale Analysis, Modeling and Simulation Top Global University Project, Waseda University

http://people.dm.unipi.it/~georgiev/convegni/Pisa2018/PISA_2018.htm