

04-07-11 Workshop in A Coruña in the mark of the Special Trimester on Inverse Problems

July 4th-7th 2011
 ETS de Náutica y Máquinas, Campus de Riazor
 Universidade da Coruña, A Coruña

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Organizing Committee

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- Juan A. Barceló (Universidad Politécnica de Madrid)
- Pedro Caro (Universidad del País Vasco/ Euscal Herriko Unibertsitatea)
- Luis Escauriaza (Universidad del País Vasco/ Euscal Herriko Unibertsitatea)
- Luca Fanelli (Universidad del País Vasco/ Euscal Herriko Unibertsitatea)
- Daniel Faraco (Universidad Autónoma de Madrid-ICMat)
- Luis Hervella (Universidade da Coruña)
- Carlos Moreno (UNED)
- Keith Rogers (CSIC-ICMat)
- Alberto Ruiz (Universidad Autónoma de Madrid)
- Maricruz Vilela (Universidad de Valencia)

Courses

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- Frank Ihlenburg (University of Hamburg). Vibroacoustic simulations for industrial application.
- Francisco-Javier Sayas (University of Delaware). Retarded boundary integral equations and applications.
- Vesselin Petkov (Université Bordeaux I). High frequency asymptotics for the scattering amplitude and back-scattering problems.

Conferences

- Carlos Bonifasi (Universidad de Castilla La Mancha). A new variational approach for electrical impedance tomography.

- Virginia Selgas (Universidade da Coruña). The linear sampling method for a near or far field inverse fluid-structure interaction problem.
- Elena Beretta (Università di Roma "La Sapienza"). The electrical impedance tomography inverse problem: the complex case.
- Andrés Prieto (Universidade de Santiago de Compostela). Improved Perfectly Matched Layers for Helmholtz type problems.

Programme

Time

Monday 4th

Tuesday 5th

Wednesday 6th

Thursday 7th

10:00-11:00

Course F. Ihlenburg

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Course F. Ihlenburg

Course F. Ihlenburg

11:00-12:00

Conference C. Bonifasi

Conference E. Beretta

Course F. Ihlenburg

Course F.J. Sayas

12:00-12:30

coffee break

coffee break

coffee break

coffee break

12:30-13:30

Course F.J. Sayas

Course F.J. Sayas

Course F.J. Sayas

Course F.J. Sayas

13:30-16:00

lunch

lunch

lunch

lunch

16:00-17:30

Course V. Petkov

Course V. PetkovCourse V. Petkov

17:30-18:30ConferenceV. Selgas
Conference A. Prieto

More information

<http://www.uam.es/gruposinv/inversos/WEBpage/>

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