

# Andalucía Study Groups with Industry

Monday 25 - Friday 29 April 2011 Faculty of Mathematics. University of Sevilla.

- > Invitation
- > Scientific Committee
  
- > Organizing Committee
- > Structure
- > Companies and institutions
  
- > Proposed problems
  
- > Programme
  
- > Registration
  
- > Location
  
- > Additional Information

Español | English  
Invitation

· 'Andalucía Study Groups with Industry' are aimed at identifying new collaborations between research groups from The Spanish Network for Mathematics and Industry and companies and institutions from Andalucía.

The main objectives of the 'Andalucía Study Groups with Industry' are:

- The promotion of Mathematics in Industry, looking actively for new research and development projects, in which mathematics plays an important role.
  
- The orientation of research developed by the i-MATH research groups towards Industry needs.
  
- The introduction of mathematical, statistical and operations research methods and techniques in the manufacturing sector.

· The workshop structure is similar to the European Study Groups with Industry, that have been held annually in the UK for nearly 40 years (<http://www.maths-in-industry.org/>).

-  
Rafael Blanquero Bravo.  
Department of Statistics and Operations Research, University of Sevilla.

-  
Tomás Chacón Rebollo. Department of  
Differential Equations and Numerical Analysis, University of Sevilla.

-  
Juan Antonio Mesa López - Colmenar.  
Department of Applied Mathematics, University of Sevilla.

- Carlos Parés Madroñal.  
Department of Mathematical Analysis, University of Málaga.  
Organizing Committee

- Rafael Blanquero Bravo. Department of Statistics and Operations Research,  
University of Sevilla.

-  
Manuel J. Castro Díaz. Department of Mathematical Analysis, University of Málaga.

-  
Enrique D. Fernández Nieto. Department of Applied Mathematics, University of Sevilla.

- Miguel A. Pozo Montaño. Department of Applied Mathematics, University of Sevilla.

- Antonio Manuel Rodríguez Chía. Department of Statistics and Operations Research, University of Cádiz.

-  
Knowledge Transfer Office. Spanish Network for Industrial Mathematics.

#### Structure

- Presentation of problems by companies attending the workshop.
- Distribution in work groups.
- Problem Solving by work groups.
- Development of a brief document outlining general information: previous bibliography, difficulties and barriers, ...
- Conclusions and development of a final document.

#### Companies and institutions

Several companies and institutions have confirmed

their attendance:

### Proposed problems

Information about proposed problems can be consulted at the following links:

-

Suitability Study for the habitat of a specie.

Fernando Magdaleno Mas, CEDEX.

Academic Coordinator: Enrique D. Fernández Nieto, University of Sevilla.

- Energy Storage in tomorrow's Grid. Enrique Moreno Benítez, ABENGOA RESEARCH.  
Academic Coordinator: Tomás Chacón Rebollo, University of Sevilla.

- Substructures calculus. Diego Fernández Pérez, Procedimientos Uno.

Academic Coordinator: Carlos Parés Madroñal, University of Málaga.

- Characterization of VAN and TIR as probabilistics functions . Víctor Pérez Cuaresma, AYESA Ingeniería.  
Academic Coordinator: Miguel A. Pozo Montaño, University of Sevilla.

### Programme

MondayTuesday Wednesday  
ThursdayFriday

09:00 - 09:30

Delivery of

documentation

09:30 - 10:00  
Opening

10:00 - 10:45  
ABENGOA

Parallel workgroups

Parallel workgroups

Parallel workgroups ABENGOA

10:45 - 11:30  
AYESA  
AYESA

11:30 - 12:00  
Break Coffee

12:00 - 12:45  
CEDEX

Parallel workgroups

Parallel work

groups

Parallel workgroupsCEDEX

12:45 - 13:30  
Procedimientos 1    Procedimientos 1

13:30 - 16:00  
Lunch

16:00 - 19:00

Parallel workgroups

Parallel work  
groups

Parallel work  
groups

Parallel work  
groups  
Registration

Deadline for registration for academics and researchers  
is 20 April 2011 and there is no fee. The registration is done by filling this

form .

For accommodation contact with: Halcón Viajes: Olga Maríne-mail: [olgaml@halcon-viajes.es](mailto:olgaml@halcon-viajes.es) Tlf.: 954 638 038

Location  
Faculty of Mathematics,  
University of Sevilla.

C/ Tarfia, s/n  
(access by Avda. Reina Mercedes). Sevilla.

[View map](#)

[Additional Information](#)

For further information, please contact: Enrique D. Fernández Nieto

Coordinator

ETS Arquitectura. US

Avda. Reina Mercedes, 2

41012, Sevilla

Tlf.: 954 55 66 65

e-mail: [edofer@us.es](mailto:edofer@us.es) Ana Belén Fernández Gómez

Technology Translator, math-in

Facultad de Matemáticas. USC

15782,  
Campus Vida

Santiago de Compostela

Tlf.: 8818 13198e-mail: [anabelen.fernandez@usc.es](mailto:anabelen.fernandez@usc.es) Guadalupe Parente Morales

Technology Translator, math-in

Facultad de Matemáticas. USC

15782,  
Campus Vida

Santiago de Compostela

Tlf.: 8818 13373e-mail: [gparente@cesga.es](mailto:gparente@cesga.es)