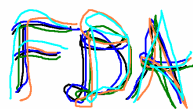


# III Seminar on Functional Data Analysis

Granada, 2-3 May 2012



**Organized** by PAIDI Research Group FQM-307: Modelization and Forecasting with Functional Data

**Chairs:** Ana M. Aguilera and Mariano J. Valderrama, *University of Granada*

## Wednesday 2 May

Session sponsored by *Sociedad de Estadística e Investigación Operativa* and *GENIL CEI BioTic*

12:00-13:00 H.G. Müller: *Nonlinear methods for the analysis of functional data*  
*Location:* [Aula A-24, Facultad de Ciencias](#)

17:00-19:00 Meeting of young researchers on functional data analysis with Prof. Müller  
*Location:* [Sala de Conferencias de la Sección de Matemáticas, Facultad de Ciencias.](#)

## Thursday 3 May

Session sponsored by *Plan Andaluz de Investigación, Desarrollo e Innovación* (PAIDI 2007-2013)

*Location:* [Aula 18, Facultad de Farmacia](#)

09:30-10:00 M.J. Valderrama, F.A. Ocaña-Lara & F.M. Ocaña-Peinado: *Forecasting by functional linear regression*

10:00-10:30 M. Escabias, A.M. Aguilera & M.J. Valderrama: *Selection of climatic covariates for predicting peaks of pollen by functional models of binary response*

10:30-11:00 E. Ruiz-Castro: *Preventive Maintenance for a Complex Reliability System: Algorithmic Analysis*

11:00-11:30 Break-coffee

11:30-12:00 P. Rodríguez-Bouzas & N. Ruiz-Fuentes: *Nonparametric estimation of a self-exciting process*

12:00-12:30 R. Fernández-Alcalá, J.C. Ruiz & J. Navarro: *Widely Linear Processing for Quaternion Signals*

12:30-13:00 A.M. Aguilera & C. Aguilera-Morillo: *Penalized PLS regression*

Lunch in Carmen de la Victoria

