III Seminar on Functional Data Analysis
Granada, 2-3 May 2012

FDA

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