1st International Workshop on Advances in Functional Data Analysis

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http://www.biometricsociety.net/2015/09/04/1st-international-workshop-on-advances-in-functional-data-analysis/

November 11-12, 2015

Getafe, Madrid (Spain)

http://www.est.uc3m.es/iwafda/

This workshop is the fifth meeting of the FDA (Functional Data Analysis) working group of the Spanish Society of Statistics and Operational research (S.E.I.O.) (http://FDA.seio.es). It will take place at the Faculty of Social Sciences of the University Carlos III de Madrid, Getafe (Spain), 11-12 November 2015. There is a plenary talk by Professor Philip Reiss followed by shorter related presentations and a panel discussion. The scientific meeting gives researchers opportunities to informally discuss novel, controversial or educational topics with respect to new methodologies and applications in Functional Data Analysis. An interesting keynote delivered by Carlos Gil Bellosta has been included in the program, providing tools to get more out of R with massive data. More information at the web page: http://www.est.uc3m.es/iwafda/**.**

Registration is free, but mandatory. The registration form is already available in the web page. Those who are interested in participating in the session of oral communications on advances in Functional Data Analysis may send the title and abstract of their work (in English) to maguiler@est-econ.uc3m.es until October 4th.

The FDA working group provides grants for funding the participation of young members of the group. For more details, please contact with the coordinator of the group.

We want to thank the sponsors of this activity:

Sociedad de Estadística e Investigación Operativa (S.E.I.O.)

Universidad Carlos III de Madrid

Facultad de Ciencias Sociales y Jurídicas (UC3M)

Departamento de Estadística (UC3M)

See you in Madrid!

Rosa Elvira Lillo y Carmen Aguilera-Morillo

Departamento de Estadística

Universidad Carlos III de Madrid

About the Keynote

Working in R with massive data (November 12th, 2015)

Speaker: Carlos J. Gil Bellosta is a mathematician with over ten years of experience as freelance statistical consultant in companies such as Barclays, BBVA and Banco de Santander in the banking sector or eBay in the high tech industry. He is an R enthusiast, has authored several packages in R, and is the current president of the association of Spanish users of R (Comunidad R Hispano).

Abstract: The workshop is an introduction to R tools for efficient big data processing and analysis. It consists of three different parts: parallelization, the data.table package and RHadoop. The first part is a short introduction to process parallelization in R.

In the second part, we will explore the data.table package, which implements a modified version of traditional data.frames in R and allows for rapid processing of large collections of data. However, these are still datasets fitting in a single machine.

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