International Workshop on Functional and Operatorial Statistics (IWFOS 2011)
PROGRAM

| Thursday June 16th | | |
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| **8:00** | Registration | Lobby hall. Facultad de Ciencias. Universidad de Cantabria |
| **9:00** | Opening ceremony | |
| **9:30** | Invited session | **H.G. Muller**.<br>*Functional Varying Coefficient Models* |
| **10:10** | Oral contribution | G. Aneiros, **R. Cao**, J. M. Vilar-Fernandez, A. Munoz-San-Roque.<br>*Functional prediction for the residual demand in electricity spot markets* |
| **10:30** | Oral contribution | F. Ferraty, **J. Park**, P. Vieu.<br>*Estimation of a functional single index model* |
| **10:50** | Coffee-break | |
| **11:10** | Invited session | **C. Lam.**<br>*Factor Modeling for High Dimensional Time Series* |
| **11:50** | Oral contribution | **A. Nieto-Reyes**.<br>On the Properties of Functional Depth |
| **12:10** | Oral contribution | A. M. Aguilera, **M.C. Aguilera-Morillo,** M. Escabias, M.J. Valderrama.<br>*Penalized spline approaches for functional principal component logit regression* |
| **12:30** | Lunch | |
| **14:30** | Invited session | **E. Paparoditis.**<br>*Nonparametric Functional Time Series Prediction* |
| **15:10** | Oral contribution | **C. Timmermans,** L. Delsol, R. von Sachs.<br>*Bases Giving Distances. A new semimetric and its use for nonparametric functional data analysis* |
| **15:30** | Oral contribution | **M. Febrero-Bande**, W. Gonzalez-Manteiga.<br>*Generalized additive models for functional data* |
| **15:50** | Coffee-break | |
| **16:10** | Invited session | **S. Jung.**<br>*A Backward Generalization of PCA for Exploration and Feature Extraction of Manifold-Valued Shapes* |
| **16:50** | Oral contribution | **L. Slaets**, G. Claeskens, M. Jansen.<br>*Flexible Modelling of Functional Data using Continuous Wavelet Dictionaries* |
| **17:10** | Oral contribution | M. Bereswill and **J. Johannes.**<br>*On the effect of noisy observations of the regressor in functional linear model* |

| Friday June 17th | | |
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| **9:00** | Invited session | **P. Kokoszka.**<br>*Estimation and testing for geostatistical functional data* |
| **9:40** | Oral contribution | **J. C. S. de Miranda**.<br>*Estimation of Functional Coefficients in Partial Differential Equations* |
| **10:00** | Oral contribution | J. Harezlak and **T. W. Randolph**.<br>*Structured penalties for generalized functional linear models* |
| **10:20** | Oral contribution | A. Aue, S. Hoermann, L. Horvath and **M. Huskova**.<br>*Sequential stability procedures for functional data setups* |
| **10:40** | Coffee-break | |
| **11:00** | Invited session | **C. Crainiceanu**.<br>*Population-Wide Model-Free Quantification of Blood-Brain-Barrier Dynamics in Multiple Sclerosis* |
| **11:40** | Oral contribution | G. Boente, **D. Rodriguez** and M. Sued.<br>*Testing the equality of covariance operators* |
| **12:00** | Oral contribution | P. Secchi, **S. Vantini**, V. Vitelli.<br>*Spatial Clustering of Functional Data* |
| **12:20** | Lunch | |
| **14:30** | Invited session | **A. Kneip**.<br>*Combining Factor Models and Variable Selection in High-Dimensional Regression* |
| **15:10** | Oral contribution | F. Ferraty, **A. Martinez-Calvo**, P. Vieu.<br>*Thresholding in nonparametric functional regression with scalar response* |
| **15:30** | Poster session I | |
| **15:50** | Coffee-break | |
| **16:10** | Invited session | **D. Kraus**.<br>*Second-order inference for functional data with application to DNA minicircles* |
| **16:50** | Oral contribution | S. Naya, M. Francisco-Fernandez, **J. Tarrio-Saavedra**, J. Lopez-Beceiro, R. Artiaga.<br>*Applications of Funtional Data Analysis on material science* |

| Saturday June 18th | | |
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| **9:00** | Invited session | **I. McKeague.**<br>*Sparse functional linear regression with applications to personalized medicine* |
| **9:40** | Oral contribution | **P. Delicado.**<br>*Dimensionality reduction for samples of bivariate density level sets: An application to electoral results* |
| **10:00** | Oral contribution | F. Ferraty, **A. Goia**, E. Salinelli, P. Vieu.<br>*Recent advances on Functional Additive Regression* |
| **10:20** | Poster session II | |
| **10:40** | Coffee-break | |
| **11:00** | Oral contribution | **J. A. D. Aston** and C. Kirch.<br>*Power Analysis for Functional Change Point Detection* |
| **11:20** | Oral contribution | **S. Greven**, C. Crainiceanu, B. Caffo, D. Reich.<br>*Longitudinal Functional Principal Component Analysis* |
| **11:40** | Invited session | **R. Fraiman.**<br>*Functional Quantiles* |
| **12:20** | Lunch | |