

POSTER CONTRIBUTIONS

The posters should be displayed during two sessions (Friday 16th and Saturday 17th). The presenting authors should be present in both sessions.

- A general sparse modeling approach for regression problems involving functional data.
G. Aneiros and P. Vieu.
- A time-dependent PDE regularization to model functional data defined over spatio-temporal domains.
E. Arnone, L. Azzimonti, F. Nobile and L.M. Sangalli.
- Regression models with correlated errors based on functional random design.
K. Benhenni, S. Hedli-Griche and M. Rachdi.
- Some applications of RKHS in functional data analysis.
J.R. Berrendero, **B. Bueno-Larraz** and A. Cuevas.
- Nonparametric mean estimation for big-but-biased data.
L. Borrajo and **R. Cao**.
- Functional GARCH models.
C. Cerovecki.
- Testing for white noise in functional time series.
P. Bagchi, **V. Characiejus** and H. Dette.
- Mixed effects modeling with warping for functional data using B-spline.
G. Claeskens, **E. Devijver** and I. Gijbels.
- Prediction bands for functional data based on depth measures.
A. Elías Fernández and R. Jiménez Recaredo.
- Quantile regression for functional data: an approximation using PIRLS.
M. Franco-Villoria, R. Ignaccolo and M. Scott.
- An asymptotic factorization of the Small-Ball Probability: theory and estimates.
J-B Aubin, E.G. Bongiorno and **A. Goia**.
- On the Geometric Brownian Motion assumption for financial time series.
E.G. Bongiorno, **A. Goia** and P. Vieu.
- Parametric, semiparametric and nonparametric modelling in survival analysis.
I. Horová.
- Change point detection for multivariate observations based on characteristic functions.
Z. Hlávka, **M. Husková** and S. Meintanis.
- Modeling mandibular shape variation using functional ANOVA models.
L. Fontanella, **L. Ippoliti** and P. Valentini.
- Uniform in the smoothing parameter consistency results in functional regression.
L. Kara-Zaïtri, A. Laksaci, M. Rachdi and P. Vieu.
- Local bandwidth selectors for functional kernel regression.
D. Kuruczová and **J. Koláček**.
- Functional quantile regression: Local linear modelisation.
Z. Kaid and **A. Laksaci**.

- Predicting the physiological limits of sport stress tests with functional data.
M. Matabuena, M. Francisco-Fernández and R. Cao.
- Shape classification through functional data reparametrization and distribution-based comparison.
P. Montero-Manso and J.A. Vilar.
- An overview of consistency results for depth functionals.
S. Nagy.
- Dynamical modelling of functional data using warped solutions of ODEs.
N. Olsen and A. Tolver.
- Family-wise error rate on domain subsets: a unified framework for local inference in functional data analysis.
K. Abramowicz, **A. Pini**, L. Schelin, S. Sjöstedt de Luna and S. Vantini.
- Functional data analysis in neural processing.
J. Koláček, **O. Pokora** and T-W. Chiu.
- Schilling test for the two sample problem with image data.
A. Cabaña, A.J. Quiroz and **M. Sabaté**.
- Speed prediction of the sport horse from accelerometric and gyroscopic data.
A. Schmutz, J. Jacques, L. Chèze and P. Martin.
- Hotelling in Wonderland.
A. Pini, **A. Stamm** and S. Vantini.
- Multi-resolution clustering of time dependent functional data with applications to climate reconstruction.
J. Strandberg, K. Abramowicz and S. Sjöstedt de Luna.
- Functional data analysis approach of Mandel's h and k statistics in Interlaboratory Studies.
M. Flores, S. Naya, **J. Tarrío-Saavedra** and R. Fernández-Casal.
- Contribution of functional approach to the classification and the identification of acoustic emission source mechanisms.
O.I. Traore, P. Cristini, N. Favretto-Cristini, L. Pantera, P. Vieu and S. Viguier-Pla.
- A statistical analysis of the cardioid growth model.
J.T. Kent, K.V. Mardia, L. Ippoliti and **P. Valentini**.
- Testing for stationarity of functional time series in the frequency domain.
A. Aue and **A. van Delft**.
- Locally stationary functional time series.
A. van Delft and M. Eichler.
- On asymptotic properties of functional conditional mode estimation with both stationary ergodic and responses MAR.
N. Ling, Y. Liu and **P. Vieu**.
- Commutator of projectors and of unitary operators.
A. Boudou and **S. Viguier-Pla**.
- Random functional variable and Fourier series.
J. Zelinka.