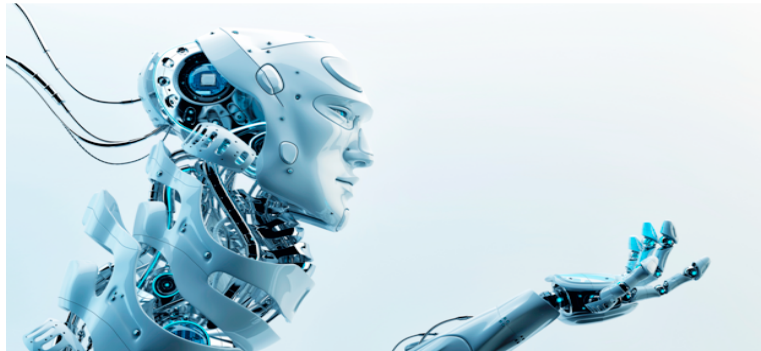


Second Bilbao Data Science Workshop (BiDAS)

November 16th-17th, 2017

BCAM-Basque Center for Applied Mathematics, Mazarredo 14, Bilbao, Basque Country, Spain



Programme

Thursday, November 16th 2017

SESSION 1

09.00 – 10.00h Keynote speaker: “Dependence modelling with copulas”, **Dorota Kurowicka**.

10.00 – 10.30h “Isotonic Regression Models in Cronobiology”, **Cristina Rueda**.

10.30 – 11.00h “Novel Approaches for Sparsity in Multivariate Analysis”, **Pepa Ramírez Cobo**.

11.00 – 11.30h **COFFEE-TEA BREAK**

SESSION 2

11.30 – 12.30h Keynote speaker: “Causal Reasoning with Graphical Models”, **José M. Peña**.

12.30 – 13.00h “Humanizing Robots”, **Basilio Sierra**.

13.00 – 13.30h “An Ensemble Approach to Adjust the Bias/Variance Trade-off of Aggregated Bayesian Network Classifiers”, **José A. Gámez**.

13.30 – 15.00h **Pintxos LUNCH**

SESSION 3

15.00 – 16.00h Keynote speaker: “Statistical Methods for the Analysis of Secondary Phenotypes Observed in Ascertained Families”, **Jeanine Houwing-Duistermaat**.

16.00 – 16.30h “Nonparametric Estimation of a Transition Probability Matrix with Cross-sectional Data”, **Jacobo de Uña Álvarez**.

16.30 – 17.00h “Compositional Data Analysis in Microbiome Studies”, **M. Luz Calle**.

17.00 – 18.0h **POSTER SESSION**

Friday, November 17th 2017

SESSION 4

09.00 – 10.00h Keynote speaker: “Hierarchical Bayesian Spatio-temporal Point Level Modelling with an Application to Estimating Exposure to Air Pollution Exposure”, **Sujit Sahu**.

10.00 – 10.30h “Bank Branching in Spain: Analyzing the 1999-2011 Period”, **David Conesa**.

10.30 – 11.00h “Multivariate Posterior Inference for Spatial Models with Integrated Nested Laplace Approximation”, **Virgilio Gómez Rubio**.

11.00 – 11.30h **COFFEE-TEA BREAK**

SESSION 5

11.30 – 12.30h Keynote speaker: “On the Stability of Feature Selection Algorithms”, **Gavin Brown**.

12.30 – 13.00h “Quantification Learning”, **Juan José del Coz**.

13.00 – 13.30h “Parametric Estimation from Coarse Data: the Case of Partially Ranked Data”, **Inés Couso**.

13.30 – 15.00h **Pintxos LUNCH and farewell**