

# SDA 2012 ~ Madrid

## Workshop in Symbolic Data Analysis

### Workshop Program

<i>Wednesday 7</i>		<i>Thursday 8</i>		<i>Friday 9</i>	
9:00h		9:00h	An Overview of Some Regression Models for Interval Data - Billard	9:00h	A Mathematical Study on Radiation Therapy based on the LQ model - Mizuta
9:30h		9:30h	New developments in linear regression models with histogram variables - Dias	9:30h	A Collaborative Filtering Algorithm based on Histograms PCA - Murillo
10:00h		10:00h	Regression analysis for aggregated symbolic data - Nakano	10:00h	Analyzing European social survey data using Syrokko software - Laaksonen
10:30h		10:30h	Pattern classifiers for Interval Data based on Logistic Regression - Barros	10:30h	Forecasting Combination System. Applications to FOREX - Maté
11:00h	<b>Welcome</b>	11:00h	<i>Coffee break</i>	11:00h	<i>Coffee break</i>
11:30h	Divisive Monothetic Clustering for Interval and Histogram Data - Brito	11:30h	Nonlinear canonical analysis for bar chart data tables - Diday	11:30h	A hierarchical clustering algorithm applied to teacher ratings - Bravo
12:00h	Clustering of Modal Valued Symbolic Data - Korenjak-Cerne	12:00h	The Duality Problem in Interval Principal Components Analysis - Rodriguez	12:00h	Clustering based on normal mixture model for aggregated data - Shimizu
12:30h	Some batch self-organizing maps algorithms for intervals- De Carvalho	12:30h	Discriminant Analysis of Interval data - Duarte Silva	12:30h	Some partitioning fuzzy clustering algorithms for intervals - De Carvalho
13:00h	<i>Lunch</i>	13:00h	<i>Lunch</i>	13:00h	<i>Lunch</i>
13:30h		13:30h			
14:00h		14:00h			
14:30h	Two quantiles visualisation methods for SDA - Noirhomme Fraiture	14:30h	The Bayesian Model Averaging approach for interval data - Maté	14:30h	<b>Open Discussion</b>
15:00h	Box plot of symbolic histogram data for data stream analysis - Verde	15:00h	Multiple Beanplots GCCA in a Temporal Framework - Drago	15:00h	
15:30h	An Algorithmic Approach Illustrated on Multidimensional Scaling - Groenen	15:30h	Modeling and Forecasting Interval Time Series with Threshold Models - Salish	15:30h	<b>Farewell</b>
16:00h	Multidimensional scaling for percentile-valued dissimilarity data - Terada	16:00h	Forecasting bar diagram-valued time series with ES methods - Araújo	16:00h	
16:30h	<i>Coffee break</i>	16:30h	<i>Coffee break</i>	16:30h	
17:00h	SDA framework is the tool for Big Data Analysis? - Minami	17:00h	A Symbolic Database for TIMSS - Chen	17:00h	
17:30h	Social Networks as Symbolic Data - Giordano	17:30h	Latest developments of the SYR software for SDA - Afonso	17:30h	
18:00h	A symbolic solution to a precision agriculture problem - Arroyo	18:00h		18:00h	

<b>key</b>
<i>Visualization &amp; MDS</i>
<i>Software</i>
<i>Time Series</i>
<i>Applications</i>
<i>Dimensionality reduction</i>
<i>Clustering</i>
<i>Regression</i>