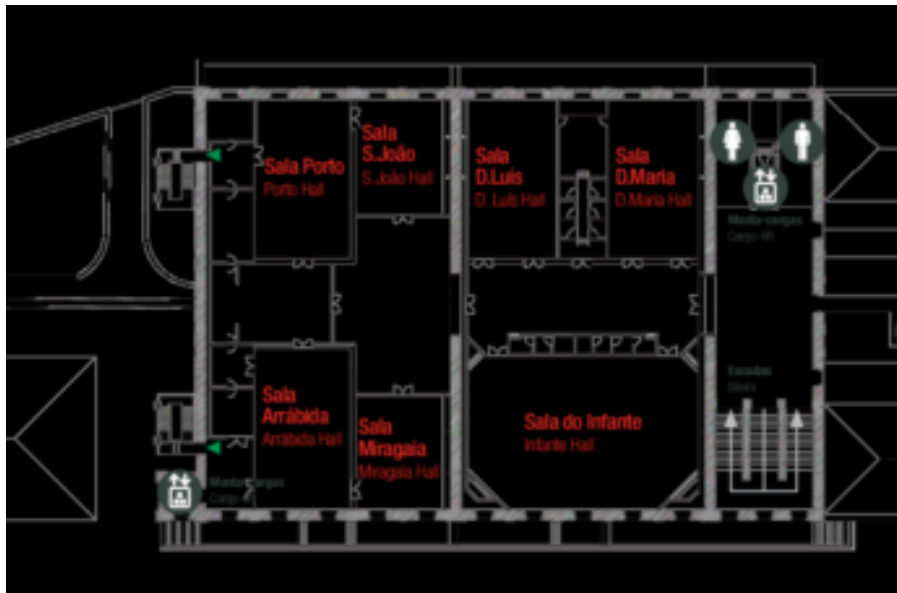# Conference programme schedule

1 Conference venue and some instructions

Within the framework of the ECML PKDD 2015 Conference, the AALTD Workshop will take place from 15:00 to 18:00 on Friday, September 11, at the Alfândega Congress Centre, Rua Nova de Alfândega, 4050-430 Porto. The invited talk and the oral communications will take place at the room *Porto*, on the second floor of the Congress Centre (see partial site plan below).

The lecture room *Porto* will be equipped with a PC and a computer projector, which will be used for presentations. Before the session starts, presenters must provide to the session chair with the files for the presentation in PDF (Acrobat) or PPT (Powerpoint) format on a USB memory stick. Alternatively, the talks can be submitted by e-mail to José A. Vilar (jose.vilarf@udc.es) prior to the start of the conference. Time planned for each presentation is fifteen minutes with five additional minutes for discussion.

With regard to the poster session, the authors will be responsible for placing the posters in the poster panel, which should be carried out well in advance. The maximum size of the poster is A0.

2 Schedule

Invited talk	Chair: Ahlame Douzal
15:00 - 15:30	Capturing Time-Structures in Earth Observation Data with Gaussian Processes *Gustavo Camps-Valls*

Oral communication	Chair: José A. Vilar
15:30 - 15:50	Time Series Classification in Dissimilarity Spaces *Brijnesh J. Jain, Stephan Spiegel*

Poster session	Chairs: Maria-Irina Nicolae, Saeid Soheily
15:50 - 16:15	See table on next page.

16:00 - 16:15	COFFEE BREAK

Oral communications	Chair: Pierre-François Marteau
16:15 - 16:35	Fuzzy Clustering of Series Using Quantile Autocovariances *Borja R. Lafuente-Rego, José A. Vilar*
16:35 - 16:55	Temporal Density Extrapolation *Georg Krempl*
16:55 - 17:15	Coarse-DTW: Exploiting Sparsity in Gesture Time Series *Marc Dupont, Pierre-François Marteau*
17:15 - 17:35	Symbolic Representation of Time Series: A Hierarchical Coclustering Formalization *Alexis Bondu, Marc Boullé, Antoine Cornuéjols*
17:35 - 17:55	Monitoring Short Term Changes of Malaria Incidence in Uganda with Gaussian Processes *Ricardo Andrade Pacheco, Martin Mubangizi, John Quinn, Neil Lawrence*

Communications in poster session

P1 Bag-of-Temporal-SIFT-Words for Time Series Classification
Adeline Bailly, Simon Malinowski, Romain Tavenard, Thomas Guyet, Lætitia Chapel

P2 An Exploratory Analysis of Multiple Multivariate Time Series
Lynne Billard, Ahlame Douzal-Chouakria, Seyed Yaser Samadi

P3 Temporal and Frequential Metric Learning for Time Series kNN Classification
Cao-Tri Do, Ahlame Douzal-Chouakria, Sylvain Marie, Michele Rombaut

P4 Preliminary Experimental Analysis of Reservoir Computing Approach for Balance Assessment
Claudio Gallicchio, Alessio Micheli, Luca Pedrelli, Federico Vozzi, Oberdan Parodi

P5 Estimating Dynamic Graphical Models from Multivariate Time-series Data
Alexander J. Gibberd, James D.B. Nelson

P6 Sequential Pattern Mining on Multimedia Data
Corentin Hardy, Laurent Amsaleg, Guillaume Gravier, Simon Malinowski, René Quiniou

P7 Causality on Longitudinal Data: Stable Specification Search in Constrained Structural Equation Modeling
Ridho Rahmadi, Perry Groot, Marianne Heins, Hans Knoop, Tom Heskes

P8 CourboSpark: Decision Tree for Time-series on Spark
Christophe Salperwyck, Simon Maby, Jérôme Cubillé, Matthieu Lagacherie

P9 Anomaly Detection in Temporal Graph Data: An Iterative Tensor Decomposition and Masking Approach
Anna Sapienza, André Panisson, Joseph Wu, Læaetitia Gauvin, Ciro Cattuto

P10 Progressive and Iterative Approaches for Time Series Averaging
Saeid Soheily-Khah, Ahlame Douzal-Chouakria, Eric Gaussier

P11 Classification Factored Gated Restricted Boltzmann Machine
Ivan Sorokin