

Ubiquitous Data Mining – Workshop Program

3 August 2013

09h00	Opening	
	<i>Invited Talk</i>	<i>Chair: João Gama</i>
09h00 -10h00	Zhi-Hua Zhou	
	Exploiting Label Relationship in Multi-Label Learning	
	<i>Paper Session 1</i>	<i>Chair: Nuno Marques</i>
10h00 – 10h25	Predicting Globally and Locally: A Comparison of Methods for Vehicle Trajectory	
	<i>William Groves, Ernesto Nunes and Maria Gini</i>	
10h30 – 10h45	Coffee Break	
10h45 – 11h10	On Recommending Urban Hotspots to Find Our Next Passenger	
	<i>Luis Moreira-Matias, Ricardo Fernandes, Joao Gama, Michel Ferreira, João Mendes-Moreira and Luis Damas</i>	
11h10 – 11h35	Road-quality classification and bump detection with bicycle-mounted smartphones	
	<i>Marius Hoffmann, Michael Mock and Michael May</i>	
11h35 – 12h00	Cicerone: Design of a Real-Time Area Knowledge-Enhanced Venue Recommender	
	<i>Daniel Villatoro, Jordi Aranda, Marc Planagumà, Rafael Gimenez and Marc Torrent-Moreno</i>	
12h00 – 12h25	Visual Scenes Clustering Using Variational Incremental Learning of Infinite Generalized Dirichlet Mixture	
	<i>Wentao Fan and Nizar Bouguila</i>	
12h30 – 13h30	Lunch	
	<i>Invited Talk</i>	<i>Chair: Michael May</i>
13h30 – 14h30	Wei Fan	
	NIM: Scalable Distributed Stream Processing System on Mobile Network Data	
	<i>Paper Session 2</i>	<i>Chair: Albert Bifet</i>
14h30 – 14h55	Learning Model Rules from High-Speed Data Streams	
	<i>Ezilda Almeida, Carlos A. Ferreira and João Gama</i>	
14h55 – 15h20	Simultaneous segmentation and recognition of gestures for human-machine interaction	
	<i>Harold Vasquez, Luis Enrique Sucar and Hugo Jair Escalante</i>	
15h30 – 15h45	Coffee Break	
15h45 – 16h10	Ubiquitous Self-Organizing Maps	
	<i>Bruno Silva and Nuno C. Marques</i>	
16h10 – 16h35	Simulating Price Interactions by Mining Multivariate Financial Time Series	
	<i>Bruno Silva, Luis Cavique and Nuno C. Marques</i>	
16h35 – 17h00	Trend template: mining trends with a semi-formal trend model	
	<i>Olga Streibel</i>	
17h00	Closing	