	18th International Conference on Hybrid Intelligent Systems (HIS'2018) Porto, Portugal, 13-15 December, 2018 http://www.mirlabs.org/his18/
Title of Session	**Recommender Systems**
Objectives and scope	Recommender Systems (RS) offer relevant items and information to users by profiling users and items in diverse ways. Online information systems have led to an abundance of data that is heterogeneous, noisy, and changes rapidly. The data used by recommender systems, in forms of implicit or explicit user feedback, follow the same trend: the feedback can be in various formats, such as ratings, online behaviours, or textual reviews, and collected from multiple resources. Besides this, the collected feedback is uncertain, and user taste and item popularities can change over time.
Topics of Interest	This workshop welcomes novel, interesting, high standard contributions from the following topics, but not limited to: - RS machine learning algorithms and optimization - Cross-domain recommendation - Context-aware recommendation, time-aware recommendation - Multi-criteria recommender systems - Evaluation of Recommender Systems - RS applications: marketing, tourism, health, e-Learning, television, on-line video, law
Session Chair / Co-chair	Fátima Rodrigues / Jorge Duarte
Scientific Committee	Ana Madureira Luís Ferreira Fátima Rodrigues Pedro Fonte Ivo Pereira Pedro Henriques Jorge Duarte Carlos Ferreira
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Brief Biography of the session Organizers	Fátima Rodrigues is Coordinator Professor at the Dept. of Informatics, Institute of Engineering – Polytechnic of Porto. She is also member of the Interdisciplinary Studies Research Center, where she is the coordinator of Smart and Integrated Optimization Networks research line. Her research areas include Business Intelligence, Machine Learning, Data Mining and Recommender Systems. She has lead several academic and industrial research projects working with data systems and ways to enhance data analytics for decision support. F. Jorge Duarte graduated in Management and informatics at Portucalense University in 1994. In 2000 he received a M.Sc. in Electrical and Computer Engineering from Porto University and his PhD in Machine Learning in 2009 from UTAD University. He is an Adjunct Professor at the Department of Computer Engineering at the Polytechnic Institute of Porto. His main research interests include Clustering, Cluster Ensemble combination methods, Data-Mining, Machine Learning and Artificial Intelligence and Recommender Systems.