

	<p align="center"><b>18<sup>th</sup> International Conference on Hybrid Intelligent Systems (HIS'2018)</b></p> <p align="center">Porto, Portugal, 13-15 December, 2018</p> <p align="center"><a href="http://www.mirlabs.org/his18/">http://www.mirlabs.org/his18/</a></p>
<b>Title of Session</b>	<b>Towards Semantic Web: Metadata, Ontologies and Applications</b>
<b>Objectives and scope</b>	<p>Semantic Web is Web of linked data. In the last years, W3C is building the “Web of data” to enable computers to do more useful work and to develop systems that can support trusted interactions over the network. Semantic Web technologies enable to create data stores on the Web, build vocabularies, and write rules for handling data.</p> <p>This session will have significant research contributions addressing theoretical, analytical and empirical aspects of the Semantic Web. We welcome works that relates to the W3C Semantic Web recommendations (e.g., RDF, OWL, SPARQL, SKOS etc.), but we also encourage contributions to research at the intersection of Semantic Web.</p>
<b>Topics of Interest</b>	<p>Information retrieval and information extraction for the Semantic Web  Knowledge representation and reasoning on the Web  Languages, tools, and methodologies for representing and managing semantics  Cases on Linked Open Data  Ontologies for the Semantic Web  Ontology modularity, mapping, merging, and alignment for the Web  Search, query, integration, and analysis on the Semantic Web  Data streams and the Internet of Things  Semantic technologies for specific scenarios and platforms  Studies about Semantic Technologies such as RDF, SPARQL, OWL, and SKOS.  A semantic Framework for Learning Information Systems  Semantic Web Services, Processes and Applications  Trust, privacy, and security on the Semantic Web</p>
<b>Session Chair / Co-chair</b>	Maria José Angélico Gonçalves/Vitor Barrigão Gonçalves
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<b>Brief Biography of the session Organizers</b>	<p>Maria José Gonçalves is a Professor at the School of Accounting and Administration of Porto and has a PhD with honor in Component-Based Software Engineering - Human Machine Interfaces, University of Vigo. She is a researcher at CEOS.PP and CEPESE. She is developing many research activities concerning the integration of the Information Technologies and Communication in higher education context and organizational context. She has been a member of the Program and Scientific Committee of several conferences. She serves as Member of the Editorial Board and referee for many scientific journals. She is author of some publications in these areas.</p> <p>Vitor Gonçalves is an Assistant Professor in the Department of Educational Technology and Information Management in the Polytechnic Institute of Bragança (IPB). Has a PhD in Electrical and Computer Engineering (Semantic Web, e-Learning, Software Agents, Information retrieval) from the Faculty of Engineering of the University of Oporto. He is researcher at CIEB (Research Center in Basic Education, Instituto Politécnico de Bragança, Portugal). He is member of AduLeT - Advanced use of Learning Technologies in Higher Education (2016-1-DE01-KA203-002915) since 2016. He was member of the INTEGRA(-TE) project (Scientific Routs for Intercultural Integration - action funded under the INTEGRA - Ciência Viva National Agency (ref. INT349) from 2016 to 2018. Between 2012 and 2015 he was member of the INTACT project (527932-LLP-2012-DE-COMENIUS-CMP) that is funded with support from the European Commission under the Lifelong Learning Program and his action was fundamental for the creation and development of the framework of the platform where educational resources are shared across European classrooms. He was also member of Science Bragança Project, N° 16911, financed by Ciência Viva - National Agency for Scientific and Technological Culture which took place from 2011 to 2013.</p>
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