



## **13th International Workshop on Semantic and Social Media Adaptation and Personalization (SMAP 2018)**

The 13th International Workshop on Semantic and Social Media Adaptation and Personalization (SMAP 2018) will take place in Zaragoza (Spain), on 6th and 7th September 2018. SMAP 2018 will be organized with the support of the Aragón Engineering Research Institute (Instituto de Investigación en Ingeniería de Aragón, I3A) - University of Zaragoza.

The Semantic and Social Media Adaptation and Personalization (SMAP) workshop is the evolution of the Semantic Media Adaptation and Personalization initiative, which was founded during the summer of 2006 in an effort to discuss the state of the art, recent advances and future perspectives for semantic media adaptation and personalization. However, as Social Media applications have substantially transformed the way organizations, communities, and individuals interact, we have the scopes of SMAP extended towards this new trend, seeking to bring together researchers from the social web as well as from the semantic web communities.

After twelve successful workshops starting from Athens (2006), and then London (2007), Prague (2008), San Sebastian (2009), Limassol (2010), Vigo (2011), Luxembourg (2012), Bayonne (2013), Corfu (2014), Trento (2015), Thessaloniki (2016), and Bratislava (2017), the SMAP workshop series has been consolidated as a reference event in order to discuss about the newest advances in the field.

### **Aim and topics**

SMAP 2018 aims to address several issues of semantic and social multimedia technologies and their use in content creation, media adaptation and user profiling. Topics of interest include but are not limited to:

- Content creation, annotation and modeling for semantic and social web
- Computational intelligence for media adaptation and personalization
- Semantics-driven indexing and retrieval of multimedia contents
- User modeling and dynamic profiling
- Ontologies and reasoning
- Multimedia standards
- Semantics-based recommender systems: theory and applications
- Recommender systems for mobile users
- Web adaptation methods and techniques

- Hybrid social and semantic approaches to profiling, recommendation engines or adaptation systems
- Social multimedia applications (livecasting, audio-video sharing)
- Social multimedia tagging and multimedia content communities
- User-generated content mechanisms
- Privacy/Security issues in Social and Personalized Media Applications
- Privacy preserving data mining and social networks
- Content customization and adaptation
- Semantic context modeling and extraction
- Context-aware multimedia applications
- Adaptive and personalized multimedia summaries
- Multilingual content navigation
- Intelligent personalized interfaces
- Social and semantic media collaboration platforms (e.g. semantic wikis)
- Social web economics and business
- Social network aggregation
- Social data analytics
- Social data mining
- Adaptive/Personalized conversational media

### **Important dates**

- **Paper submission deadline:** May 24, 2018
- **Notification of acceptance:** June 26, 2018
- **Camera-ready submission deadline:** July 4, 2018
- **Registration for authors:** July 10, 2018
- **Early registration:** July 12, 2018
- **Late registration:** September 1, 2018
- **Workshop:** 6-7th September, 2018

Please, avoid registration procedures during the summer. The University of Zaragoza is expected to be closed from August 1 to August 14, 2018, and with more limited support for administrative services since mid-July until the end of August.

### **Special Session on Navigation and Understanding of Big Linked Data**

In addition, a Special Session on Navigation and Understanding of Big Linked Data will be held within the context of SMAP 2018. If you are submitting a paper to this special session, please indicate so through EasyChair or notify the organizers.

#### [Overview of the special session](#)

Today, we are assisting at a staggering growth in the production and consumption of Linked Open Data (LOD) and in the generation of increasingly large datasets. In this scenario, it is crucial to provide special tools for researchers, domain experts, but also businessmen and citizens to understand and interact with LOD resources. In this special session, emphasis is drawn on the way data linked datasets might be selected by looking among the diverse open data portals, explored in order to understand their contents and queried to extract meaningful information for the user. Special emphasis is put on

facilitating personalized knowledge extraction and in creating effective data visualizations.

#### Topics for the special session

- Using Linked Data for personalized services
- Dynamic profiling of Linked Data sources
- Adaptive and personalized Linked Data exploration
- Semantic annotation and information visualization
- Personalization and adaptation issues for Big, Open and Linked Data
- Linked Data widgets and dashboards
- Linked Data and social media applications
- Data journalism, analytics and visualizations based on Linked Data
- Personalized search and exploration on the Web of Data
- User modelling in Linked Data consumption
- Statistical analysis, statistical learning and data mining for Big Linked Data
- Open government, transparency, advantages for citizens
- Big and open Linked Data to create smart cities
- Environmental and agricultural data
- Health data and intelligent systems
- Active and healthy ageing data analytics

#### Session Organizers

- Laura Po, University of Modena and Reggio Emilia, Modena, Italy
- Charalampos Bratsas, Aristotle University, Thessaloniki, Greece

#### Submission guidelines

Each submitted paper will be refereed by at least three members of the SMAP 2018 Program Committee, based on its relevance, originality, significance, technical soundness and clarity of expression.

Submissions must be in English and can present mature research or experimental results as well as promising work in progress. Papers must be formatted according to the IEEE 2-column conference article style, with a limit of 6 pages, including all figures, tables and references. A minimum paper length of 4 pages is also imposed.

As with all previous editions of SMAP, all accepted papers are planned to be published by IEEE in IEEE Xplore. SMAP 2018 is supported by IEEE Computational Intelligence Society (technical co-sponsorship).

For your convenience, you may use the [LaTeX](#) or [MSWord](#) templates. Papers can be submitted via [EasyChair](#) in PDF format.

#### Local Organizers

- **Sergio Ilarri (President)**
- Fernando Bobillo
- Raquel Trillo

Contact: smap2018@unizar.es

## General Chairs

- Martín López-Nores
- Sergio Ilarri
- Fernando Bobillo
- Raquel Trillo

## Program Committee

Adel Alti, University of Setif, Algeria  
Angelos Michalas, Technological Educational Institute of Western Macedonia, Greece  
Antonio Fariña, University of A Coruña, Spain  
Athanasios Loukopoulos, University of Thessaly, Greece  
Chrisa Tsinaraki, European Union - Joint Research Center (EU - JRC)  
Christos Kalloniatis, University of the Aegean, Greece  
Dimitris Dranidis, CITY College, The University of Sheffield International Faculty, Greece  
Evaggelos Spyrou, National Technical University of Athens, Greece  
Fernando Bobillo, University of Zaragoza, Spain  
Florence Sèdes, Université Paul Sabatier Toulouse III, France  
Francesco Guerra, University of Modena and Reggio Emilia, Italy  
Ioanna Lykourantzou, Utrecht University, Netherlands  
Ioannis Karydis, Department of Informatics, Ionian University, Greece  
Jan Paralic, Technical University in Kosice, Slovakia  
Jaroslav Zendulka, Technical University in Brno, Czech Republic  
José Pazos-Arias, University of Vigo, Spain  
Kristína Machová, Technical University in Kosice, Slovakia  
Laura Po, University of Modena and Reggio Emilia, Italy  
Luisa Carpena, University of A Coruña, Spain  
Manolis Wallace, University of Peloponnese, Greece  
Maria Bielikova, Slovak University of Technology in Bratislava, Slovakia  
Marián Šimko, Slovak University of Technology in Bratislava, Slovakia  
Martín López-Nores, University of Vigo, Spain  
Michal Kompan, Slovak University of Technology in Bratislava, Slovakia  
Michalis Stefanidakis, Ionian University, Greece  
Nicolas Tsapatsoulis, Cyprus University of Technology, Cyprus  
Panagiotis Vlamos, Ionian University, Greece  
Panos Alexopoulos, Textkernel B. V., Amsterdam, The Netherlands  
Petr Saloun, VSB-TU Ostrava, Czech Republic  
Petros Kefalas, CITY College, The University of Sheffield International Faculty, Greece  
Philippe Roose, LIUPPA, Université de Pau et des Pays de l'Adour, France  
Phivos Mylonas, Ionian University, Greece  
Przemyslaw Kazienko, Wroclaw University of Technology, Poland  
Ramón Hermoso, University of Zaragoza, Spain  
Raquel Trillo-Lado, University of Zaragoza, Spain  
Sébastien Laborie, LIUPPA, Université de Pau et des Pays de l'Adour, France  
Sergio Ilarri, University of Zaragoza, Spain

Stefanos Vrochidis, Information Technologies Institute, Greece  
Tadeusz Morzy, Poznan University of Technology, Poland  
Theodoros Kotsilieris, TEI Peloponnesse, Greece  
Thrasyvoulos Tsiatsos, Aristotle University of Thessaloniki, Greece  
Tomas Horvath, Eötvös Loránd University  
Yannick Naudet, Luxembourg Institute of Science and Technology, Luxembourg