Call for Papers

6th International Workshop on
Personalization Approaches in Learning Environments
PALE 2016
http://adenu.ia.uned.es/workshops/pale2016/

July 13th – 17th, 2016, Halifax (Canada)
In conjunction with ACM UMAP 2016 Conference
http://www.um.org/umap2016/

The PALE 2016 workshop is a follow-up of the five previous PALE editions. The focus of this workshop series is on the different perspectives, in which personalization can be addressed in learning environments. Its aim is to share and discuss the new trends in current research on how user modeling and associated artificial intelligent techniques are able to contextualize and manage the increasing amount of information coming from the task at hand and its surrounding environment, in order to provide personalized learning support, which is sensitive to learners and their context. This covers many interrelated fields, including intelligent tutoring systems, learning management systems, personal learning environments, serious games, agent-based learning environments, and informal workplace learning settings. Moreover, we are especially interested in the enhanced sensitivity towards the management of vast data coming from learners' interactions (like sensor detection of affect in context) and technological deployment (including web, mobiles, tablets, tabletops, wearable technology), and how can this wide range of situations and features impact on modeling the learner context and interaction. Furthermore, we aim to cover the need of personalized learning in various settings, ranging from formal to informal ones.

Topics

The higher-level research question to be addressed in the workshop is: "How to deal with the increasing amount of information available from various resources and contexts, in order to provide effective personalized assistance in learning situations?" PALE workshop includes (but is not limited to) the following topics:

- Learner and context modeling
- Affective computing
- Big data and visual narratives in education
- Adaptive mobile learning
- Learning recommendation and explanations
- Wearable devices for sensing and acting in ubiquitous learning scenarios
- Personalization in MOOCs
- Cognitive and meta-cognitive scaffolding
- Open-corpus educational systems
- Social issues in personalized learning environments
- Reusability, interoperability, scalability
- Evaluation of adaptive learning environments

Workshop Format

Following the experience from previous editions of this and related workshops, PALE combines the classic 'mini-conferences' approach with working group meetings around a specific problem. It follows the Learning Cafe methodology to promote discussions on some of the open issues coming from the presented papers. Each Learning Cafe consists of brief presentations of the key questions posed and small group discussions with participants randomly grouped at tables. Each table is moderated by one expert in the topic under discussion (mostly the presenter of the paper who has addressed the issue) and participants change tables during the discussion with the aim to share ideas among the groups.

Submission Details and Publication

To keep the focus on the key issues to be discussed in the workshop, contributions are suggested to be prepared in 5 page limit (excluding references). Nonetheless, if authors require additional space, the paper length can be extended.

Submissions should be single blinded, i.e. authors' names should be included in the submissions. Papers must be formatted using the ACM SIG proceedings template and submitted via EasyChair. Each submission will be reviewed by at least 3 PC members.

Submission templates: http://www.acm.org/publications/proceedings-template
Easychair submission site: https://easychair.org/conferences/?conf=pale2016

Accepted papers will be included in the UMAP extended proceedings, published on CEUR-WS. PALE workshop papers will be available also at the workshop webpage.

Important Dates

7 May 2016: Workshop papers & demos submitted
1 June 2016: Notification of workshop papers & demos
7 June 2016: Camera-ready version of workshop papers & demos
7 June 2016: Author registration
13-17 July 2016: UMAP 2016 Conference

Organizing Committee

Milos Kravcik, RWTH Aachen University, Germany
Olga C. Santos, aDeNu Research Group, UNED, Spain
Jesus G. Boticario, aDeNu Research Group, UNED, Spain
Maria Bielikova, Slovak University of Technology, Slovakia

PALE History at UMAP

PALE 2011 (Girona):   http://adenu.ia.uned.es/workshops/pale2011
PALE 2012 (Montreal):   http://adenu.ia.uned.es/workshops/pale2012
PALE 2013 (Rome):   http://adenu.ia.uned.es/workshops/pale2013
PALE 2014 (Aalborg):   http://adenu.ia.uned.es/workshops/pale2014
PALE 2015 (Dublin):   http://adenu.ia.uned.es/workshops/pale2015