

Call for Papers

5th International Workshop on Personalization Approaches in Learning Environments (PALE 2015)

<http://adenu.ia.uned.es/workshops/pale2015>

June 30th, 2015, Dublin (Ireland)

in conjunction with UMAP Conference (<http://umap2015.com/>)

The PALE 2015 workshop is a follow-up of the four previous editions of PALE. The focus of this workshop series is put on the different and complementary perspectives in which personalization can be addressed in learning environments. From the past experience we have identified new areas of interest in this research scope to complement the previous ones.

In this workshop we would like to share and discuss the current research on *how user modeling and associated artificial intelligent techniques contextualize the world and provide the personalization support in a wide range of learning environments*, which are increasingly more sensitive to the learners and their context, such as: intelligent tutoring systems, learning management systems, personal learning environments, serious games, agent-based learning environments, and others. We are especially interested in the enhanced sensitivity towards learners' interactions (e.g., sensor detection of affect in context) and technological deployment (including web, mobiles, tablets, tabletops), and how can this wide range of situations and features impact on modeling the learner interaction and context. Furthermore, we aim to cover the every time more demanding need of personalized learning in massive open online courses (MOOCs).

PALE format moves away from the classic 'mini-conferences' approach and will follow the Learning Cafe methodology to promote discussions on some of the open issues regarding personalization in learning environments. Two Learning Cafes will be set up. Each one consists in brief presentations of the key questions posed and small group discussions with participants randomly grouped in tables. Each table will be moderated by one expert in the topic under discussion and participants will change tables during the discussion with the aim to share ideas among the groups.

Topics

The higher-level research question to be addressed in the workshop is: "Which approaches can be followed to personalize learning environments?" It will be considered in various contexts: interactive, personal, and inclusive learning environments. This workshop includes (but is not limited to) the following topics related to personalization of learning environments:

- Affective computing
- Ambient intelligence
- Personalization of MOOCs
- Learning recommendation
- Learner and context awareness
- Cognitive and meta-cognitive scaffolding
- Social issues in personalized learning environments
- Open-corpus educational systems
- Adaptive mobile learning

Topics (continued):

- Successful methods and techniques
- Reusability, interoperability, scalability
- Evaluation of adaptive learning environments

Paper Submissions

Research papers are suggested to be prepared in 5 pages (excluding references) using LNCS format, and submitted through EasyChair¹ in PDF. All papers will be reviewed by at least three independent reviewers with expertise in the area from the Program Committee.

Accepted papers will be included in a centralized CEUR-WS (ISSN 1613-0073) volume of workshop papers and conference posters from UMAP, which will also be available on-line at the workshop webpage.

Extended versions of selected papers will be considered for a special issue in a relevant journal (details to be announced).

Important Dates

April 1,	2015:	Submission of papers
April 23,	2015:	Notification of acceptance
May 1,	2015:	Camera-ready paper
June 30,	2015:	PALE workshop day

Organizing Committee

Milos Kravcik, RWTH Aachen University (Germany)

Olga C. Santos, aDeNu Research Group. Artificial Intelligence Dept. UNED (Spain)

Jesus G. Boticario, aDeNu Research Group. Artificial Intelligence Dept. UNED (Spain)

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¹ <http://www.easychair.org/conferences/?conf=pale2015>