



# Proceedings of the Workshop on Analytics for Everyday Learning

In conjunction with the 13<sup>th</sup> European Conference on Technology  
Enhanced Learning: Lifelong technology enhanced learning:  
Dealing with the complexity of 21st century challenges

Leeds, United Kingdom, September 4, 2018

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(Eds).

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## AFEL 2018 – Analytics for Everyday Learning

Everyday learning becomes more and more important as learners, educators, knowledge workers, professionals etc. need to stay-up-to date for their daily learning and working activities. As technology evolves rapidly continuous everyday learning in fast changing environments will become a crucial part of the personal development.

The AFEL workshop brings together researchers and professionals from different backgrounds to provide a forum for discussing the multifaceted area of analytics for everyday learning. At the AFEL 2018 workshop, we structured presentations and discussions as follows:

- *Syeda Sana E Zainab and Mathieu D'Aquin.*  
Detection of online learning activity scopes.
- *Seren Yenikent, Peter Holtz, Stefan Thalmann, Mathieu D'Aquin and Joachim Kimmerle.*  
Evaluating the AFEL Learning Tool: Didactalia Users' Experiences with Personalized Recommendations and Interactive Visualizations.
- *Angela Fessler, Alfred Wertner and Viktoria Pammer.*  
Challenges in Developing Automatic Learning Guidance in Relation to an Information Literacy Curriculum.
- *Angela Fessler, Dominik Kowald, Susana López Sola, Ana Moreno, Ricardo Alonso Maturana and Stefan Thalmann.*  
Analytics for Everyday Learning from two Perspectives: Knowledge Workers and Teachers.
- *Belgin Mutlu, Ilija Simic, Analia Cicchinelli, Vedran Sabol, Eduardo Veas.*  
Towards a Learning Dashboard for Community Visualization.
- *Angela Fessler, Stefan Thalmann*  
Reflections on the Workshop

The AFEL Workshop was held for the first time. Nevertheless, we received several very mature papers that were submitted to the workshop and lively discussed in the workshop itself. The topics of discussion encompassed the some very detailed questions about the presentations like for example how to provide learning analytics for everyday learning, automatic progress tracking with regard to a curriculum or possibilities for visualizing learning analytics data in a meaningful and sophisticated way. On the other hand in the final discussion round we also talked about topics brought up by the participants including how the deal with learning analytics in each of their individual working environment and which challenges they are tackling to address. We thank all participants for these fruitful discussions.

Additionally, we especially would like to thank the members of the program committee for their invaluable work in scoping and promoting the workshop and quality assuring the contributions with their peer reviews.

*Angela Fessler, Stefan Thalmann, Mathieu D'Aquin, Peter Holtz, Stefan Dietze*

## **Committees**

### Organizing Committee

- Mathieu d'Aquin - National University of Ireland Galway, Ireland
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- Angela Fessler - Know-Center GmbH, Austria
- Peter Holtz - Leibniz Institut für Wissensmedien, Germany
- Stefan Thalmann - Graz University of Technology, Austria

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