Fourth International Workshop on Teaching Analytics

Ravi Vatrapu [1], Michael Kickmeier-Rust [2], Blandine Ginon [3]
and Susan Bull [4]

[1] Department of IT Management, Copenhagen Business School, Norway
[2] Knowledge Technologies Institute Graz University of Technology, Austria
[3] School of Electronic, Electrical and Systems Engineering, University of Birmingham, UK
[4] Institute of Education, University College London, UK

michael.kickmeier-rust@tugraz.at
rv.itm@cbs.dk
b.ginon.1@bham.ac.uk

1   Introduction

Learning analytics is the measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimizing learning and the environments in which it occurs [1]. In this context, Teaching Analytics more specifically focuses on the design, development and evaluation of visual analytics methods and tools addressing teachers. Teaching Analytics tools aim at supporting teachers in diagnostic and decision-making.

The first Internal Workshop on Teaching Analytics, previously called Towards Theory and Practice of Teaching Analytics (TaPTA[1]) was held at the EC-TEL conference 2012, on 18 September at Saarbrücken in Germany [3]. It was organized by Ravi Vatrapu, Wolfgang Halb and Susan Bull. It took places in the context of the NEXT-TELL[2] project. The second Internal Workshop on Teaching Analytics, IWTA-2013[3], was held at the Learning Analytics and Knowledge conference 2013, on 9 April at Leuven in Belgium [2]. It was organized by Ravi Vatrapu, Peter Reimann, Wolfgang Halb and Susan Bull. The third Internal Workshop on Teaching Analytics, IWTA-2013b[4], was held at the EC-TEL conference 2013, on 18 September at Paphos in Cyprus. It was organized by Ravi Vatrapu, Peter Reimann, Susan Bull and Andreas Breiter.

2   Program committee

The program committee members are the following:

- Jim Greer, University of Saskatchewan, Canada
- Judy Kay, University of Sidney, Australia

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[1] http://next-tell.eu/tapta/

[2] http://next-tell.eu/

[3] http://next-tell.eu/iwta-2013/

[4] http://next-tell.eu/teachinganalytics/iwta-2013b/

- Paul Inventado, School of Design, Carnegie Mellon University, USA
- Peter Reimann, University of Sidney, Australia
- Phil Winne, Simon Fraser University, Canada
- Rose Luckin, London Knowledge Lab, UK
- Ryan Baker, Teachers College Columbia University, USA

3   Workshop format

The fourth International Workshop on Teaching Analytics was a full-day workshop that took place the 16th September 2016, at Lyon, during the EC-TEL conference. The workshop interspersed position paper presentation, tools demonstrations and interactive discussions. 8 papers have been submitted, 7 have been accepted as position papers and 1 as a demonstration. Submitted papers have been reviewed by two or three reviewers, with a blind refereeing process. The main criteria evaluated by the reviewers were the following:

- Relevance to the theme of the IWTA-2015 workshop
- Novelty of the proposition
- Interest for the EC-TEL community
- Overall quality of the paper

We thank the program committee members, the authors for their contributions, as well as the other workshop participants who contributed substantially to the discussions throughout the day.

References

1. 1^{rst} International Conference on Learning Analytics and Knowledge, ACM Digital Library (2001).
2. IWTA-2013, proceedings of the International Workshop on Teaching Analytics 2013. Eds. Vatrapu, R., Reimann, P., Halb, W., Bull, S. Workshop of LAK 2013, Leuven, Belgium, April 8, http://ceur-ws.org/Vol-985/ (2013)
3. TaPTA-2012, proceedings of the workshop Towards Theory and Practice of Teaching Analytics 2012. Eds. Vatrapu, R., Halb, W., Bull S. Workshop of EC-TEL 2012, Saarbrücken, Germany, Sept. 18, http://ceur-ws.org/Vol-894/ (2012).