2nd Annual Learning & Student Analytics Conference:
*Deploying Artificial Intelligence to Improve Learning while Ensuring Privacy*

#LSAC 2018

UvA: REC-A Building, Nieuwe Achtergracht 166, 1018 WV Amsterdam

October 23, 2018

10.00-10.05  Word of welcome

10.05-11.00  Keynote Ian Dolphin

11.00-11.30  COFFEE BREAK

11.30-13.00  Scientific Research Presentations - Parallel Sessions:
              Session 2.1 Innovations in learning and assessment
              Session 2.2 Success in post-secondary education
              Session 2.3 Top-down and bottom-up multimodal LA

13.00-14.00  LUNCH

14.00-15.00  Panel discussion Deployment: opportunities and risks

15.00-15.30  COFFEE BREAK

15.30-17.00  Workshops - Research, Practice & Industry Cooperation:
              Workshop 2.1 Embed and support LA innovations
              Workshop 2.2 Stakeholder support tools
              Workshop 2.3 A sustainable skills job market

17.00-18.00  Closing Session + Social
10.00-11.00 Keynote Ian Dolphin  Room: A1.02
11.00-11.30 Coffee Break  Location: REC-A Balcony

11.30-13.00 Research Presentations - Parallel Sessions:

**Session 2.1 Innovations in learning and assessment**
Room: A2.09  Chair: Pim Bellinga

**Jenni Kunnari, University of Oulu**
Utilization of big data to understand study paths from upper secondary school to universities

**Inge Donkervoort, Xerte/ Integrat-ed bv**
Adaptive learning and the authoring tool Xerte

**Pim Bellinga, Grasple**
Diagnosing Student Misconceptions using Learning Analytics

**Session 2.2 Success in post-secondary education**
Room: A2.10  Chair: Irene Eegdeman

**Anni Silvola, University of Oulu**
Learner model to support knowledge-based educational choices when applying to vocational education

**Simone Plak, Vrije Universiteit Amsterdam**
Early Warning Systems for More Effective Student Counseling in Higher Education – Evidence from a Dutch Field Experiment

**Irene Eegdeman, Vrije Universiteit Amsterdam**
Dropout in Vocational Education, Early Warning Systems and Machine Learning

**Session 2.3 Top-down and bottom-up multimodal LA**
Room: A1.02  Chair: Gábor Kismihók

**Armelle Brun, University of Lorraine**
Multi-source Relations for Contextual Data Mining in Learning Analytics

**Azim Roussanaly, University of Lorraine**
METALRS: towards effective Learning Analytics through a hybrid data collection approach for the French lower secondary education system

**Gábor Kismihók, Leibniz Institute Centre for Science and Technology, Hannover**
SALIENT – Search as Learning in a Multimodal Learning Context

13.00-14.00 Lunch  Location: REC-A Balcony
14.00-15.00 Panel Deployment: opportunities and risks
Room: A1.02  Chair: Annemarie Zand Scholten
Panelists: Marcel Schmitz, Ian Dolphin, Alan Berg, Student representative

15.00-15.30 Coffee Break
Location: REC-A Balcony

15.30-17.00 Workshops: Research, Practice & Industry Cooperation

Workshop 2.1 Embed and support LA innovations
Room: A2.09  Chair: Jeroen Luigjes

Jocelyn Manderveld, SURFnet
Learning analytics in Dutch Higher education

Alan Berg, Central Services (ICTS), University of Amsterdam
Deploying LA, what risks?

Benjamin Gras, University of Lorraine
The DUNE EOLE project: Learning Analytics in higher education

Workshop 2.2 Stakeholder support tools
Room: A1.02  Chair: Chris van Klaveren

Sjors in ‘T Veld, Het Nieuwe Eemland
A digital teacher-support tool for theory-based lesson plans and data-driven seating plans; a bottom-up approach

Jan Hellings, Amsterdam University of applied sciences
StudyGotchi: A motivational game app for improving educational performance

Jeroen Schutz, Schoolpoort
Schoolpoort: A cloud platform that facilitates learning based on recommendation of learning materials

Workshop 2.3 A sustainable skills job market
Room: A2.11  Chair: Annelies Spork

Herman Miedema, dit-WERKt
My House of Skills

Joep van den Eerenbeemt, TNO Work
The Fitting Room: matching skills to tasks at work

Samantha Noll, Novility
Transforming the Hospitality Industry with Innovative Training Technology

17.00-18.00 Closing Session (A1.02) + Social (Balcony)
DETAILED PROGRAMME CONTENT INFORMATION – OCTOBER 23

Keynote Ian Dolphin, LET, University of Hull

Despite the broad acceptance of Learning Analytics, the topic remains controversial in higher education. Ian Dolphin will locate learning analytics within the broader development of big data, and present perspectives on some of the controversy surrounding learning analytics drawn from early and existing practice. Drawing on the work of the open source Apereo analytics community, Ian will outline several dimensions of open practice that can help overcome faculty and student resistance to the practical deployment of analytics in the service of learning.

Panel discussion Deployment: opportunities and risks
Chair: Annemarie Zand Scholten

Panelists:
Marcel Schmitz

Ian Dolphin
Ian Dolphin is Executive Director of the Apereo Foundation, a US registered non-profit membership organization focused on the development of innovative open source software supporting higher education. He is formerly Head of eStrategy at The University of Hull in the UK, and International Director of the Jisc eFramework Initiative. Ian has broad experience of higher education IT at a national level in the UK and internationally, having served on a number of Jisc governance bodies, and on the boards of JASIG and the Sakai Foundation.

Alan Berg
Student representative

Workshop 2.1 Embed and support LA innovations
Chair: Jeroen Luigjes

Workshop 2.2 Stakeholder support tools
Chair: Chris van Klaveren

Session details
Success of educational innovation, and in learning analytics in particular, depends to a large extent on whether it provides effective support to the various stakeholders involved in education. This session will showcase three examples of tools designed to exploit learning data as to support students, parents, teachers and/or school leaders in improving the quality of learning, teaching and education in general.

Workshop 2.3 A sustainable skills job market
Chair: Annelies Spork
Annelies Spork, program director House of Skills Metropolitan area Amsterdam. On September 1st 2017 Annelies started in the position of program director House of Skills. Annelies works for the municipality of Amsterdam and for the program period 2017-2020 she is seconded to House of Skills. House of Skills is a triple helix partnership where the partners work to establish a labour market based on skills: 21th century skills are essential to work of the future. Prior to this, Annelies was working as a senior policy advisor labour market at the Economic Development Department of the city of Amsterdam. From 2007 until 2012 she was employed by the city of Alkmaar. There she worked on labour market policy in the Noord-Holland Noord area.

**Session details**
The types of skills needed in the labour market are changing rapidly. As such, individual workers will have to engage in life-long development if they are to remain not just employable but are to achieve fulfilling and rewarding sustainable careers. This session will showcase three innovative approaches towards sustainable skill development and matching, thereby making use of cutting-edge technologies.