

**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: 21st 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.