

# 16th Educational Repositories Network (EdReNe) Seminar

Dublin City University Campus,  
Ireland

**LRE-subcommittee: 24 October 2018 – Start time 10:00**

**EdReNe Seminar: 24 October 2018 - Start time 13:30**

**EdReNe Seminar 25 October 2018 - Start time 9:30**

**Location for both days:**

DCU All Hallows campus – ‘Drumcondra Boardroom’ at  
Drumcondra House (building 5 on map – 1<sup>st</sup> floor)

Map to location: [https://www.dcu.ie/sites/default/files/info/AllHallows\\_27\\_Jan\\_2016.pdf](https://www.dcu.ie/sites/default/files/info/AllHallows_27_Jan_2016.pdf)

**DINNER: 24 October at 20:00**

**Location: tbd**

**Paid by PDST**

# DAY 1

24 October 2018

**13:30-13:40** Welcome – Patrick Coffey, National Coordinator, Digital Content – PDST Technology in Education

**13:40 – 14:00** PDST Current Activities and Future Directions – Anthony Kilcoyne, Deputy Director, PDST

**14:00 – 16:00** Local Presentations

**14:00-14:15** “Threads Oral History Project “– Patrick Coffey

**14:15-14:45** “RTÉ Archives and Scoilnet” Liam Wylie, Radio Teilifis Éireann (RTÉ) and Dave O’Mahony, Scoilnet Project Officer

**14:45-15:30** “Digital Repository Ireland” Clare Lanigan, Education & Outreach Manager, DRI

**15:30-16:00** Q&A

**16:00-16:20** Coffee Break

**16:20 – 17:00** “SMART New Online Resource Portal,” Peter Claxton, SMART Technologies

**17:00-18:30** Learning Analytics Workshop

How are AI and ML already being used or can be used by educational portals and learning resource repositories to better serve teachers and pupils (e.g., personalization)?

- “A.I. and personalization on KlasCement”, Bram Faems, KlasCement
- Discussion of LRE White paper draft (to be circulated prior to event)

**Background:** The LRE-subcommittee has commissioned an expert, Dr. Angeliki Eirini Chounta, a senior researcher (assistant professor) of Learning Analytics in the University of Tartu, Estonia, to deliver a white paper identifying and reviewing best practices in the use of artificial intelligence (AI) and machine learning (ML) by educational portals and OER repositories in the context of K-12 education. The first draft of this work will be discussed in this workshop.

Feedback from the workshop will be provided to the author to inform the final version.

(Dr. Chounta will present the findings and answer questions in the course of an EdReNe webinar tentatively scheduled for November 2018).

**19:00** End of first day

**20:00** Dinner courtesy of our host, PDST. Location tbd

## DAY 2

25 October 2018

9:30 – 10:00 News from Members

10:00-10:30 “Real-time data processing with Apache Flink”, David Massart, EUN

10:30-11:00 “Digital Learning Framework”, Siobhan O’Sullivan & Sinead O’Sullivan, PDST Digital Technology Advisors

11:00 – 13:00 Future Directions: Learning Analytics?

Group discussion of future directions

Possible topics:

1. Reaction to:

Vaikutyte-Paškauskė J., Vaičiukynaitė J., Pocius D., 2018, Research for CULT Committee – Digital Skills in the 21st century, European Parliament, Policy Department for Structural and Cohesion Policies, Brussels  
[http://www.europarl.europa.eu/RegData/etudes/STUD/2018/617495/IPOL\\_STU\(2018\)617495\\_EN.pdf](http://www.europarl.europa.eu/RegData/etudes/STUD/2018/617495/IPOL_STU(2018)617495_EN.pdf)

From the CULT study: “In 2017 the JRC published a study on “[The Implications and Opportunities of Learning Analytics for European Educational Policy](#)” (JRC 2017) to gather evidence on the use and processes of implementing learning analytics in education. The study found that even though there have already been significant developments on the technical applications on learning analytics, there is a need to further build the evidence base on practice and successful implementation. The study also found that most of the existing projects and tools tended to focus on the supply side (data models, tools, and prototypes), dedicating significantly less work on the demand side – how can learning analytics support the assessment, teaching and learning needs of schools, educators and students. These findings call for more research and experimentation in the learning analytics area, and the Digital Education Action Plan’s suggestion to carry out more artificial intelligence and learning analytics pilots is a timely consideration. The JRC’s study noted, however, that work on learning analytics needs to establish better links with the overall EU education and training policy framework. The CULT Committee could recommend the Commission follows the action plan on learning analytics suggested by the JRC (JRC 2017) which asserts to 1) define the role and policy priorities for learning analytics in the context of the education and training policy in close collaboration with education stakeholders; 2) in line with education and training policy priorities, develop a learning analytics roadmap that would support the development of tools and practices; 3) identify organisations and individuals who would be responsible for coordinating the learning analytics roadmap coordination and stakeholder cooperation at EU and national level.”

2. Other future directions?

13:00 Seminar concludes

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