



ICA-EDU Colloquium 2016

e-learning in the life sciences: exploiting open source materials in the curriculum

June 16-17, 2016

To be held at the University of Helsinki, Unioninkatu 40 B Finland

We invite you to work with e-learning innovation in your teaching and your students learning and to enjoy the northern midnight sun in Helsinki!

Background and aims

Pedagogical methods and learning possibilities are undergoing significant change as result of advances in e-learning opportunities, such as the availability of massive open online courses (MOOC), and with the ever greater focus on supporting student centred learning. The number of online courses has been increasing rapidly since 2012. There has been much promise made for MOOCs and the use of the internet in supporting students learning. Not only to envisage new pedagogical models, but also as a revenue opportunity and for lowering teaching costs (Pappano 2012, Phuong and Wang 2015). However there are also many drawbacks to be overcome (Banerjee and Duflo 2014).

However, it seems that Europe and life science education is lagging behind in the use of MOOCs and open source materials. Lecturers and universities have been struggling how to organise themselves around this new model of e-learning. It has also been recognized that there is a tightening competition for best students and simultaneously, abundance of potential teaching materials online. This is your opportunity to discuss with others how you might use MOOCs and other internet resources in your teaching for the benefit of your student's learning.

Your experience in the use of the internet will support our discussion in the use of MOOCs and open source materials. Of course if you and your students already have such experiences in your courses it will be great to share that experience in the Colloquium.

The aim of the ICA-EDU Colloquium 2016 is centred around two themes of e-learning open source courses.

- firstly, to discuss the possibilities, challenges and benefits for the integration of open source learning approaches, and
- secondly, to examine business models for the development and delivery world wide of e-learning education. The burning issue around MOOCs has been the search for business models, that is, scaling, sustainability of monetization, accreditation and openness.

The Colloquium will have three keynote presentations, but is otherwise organized as a workshop to write article(s) based on these topics. The manuscript(s) will be jointly written before, during and after the Colloquium using cloud services.

Expected Outcomes

Increased awareness of possibilities for the integration of open source learning approaches, a draft for a state-of-the-art article on **e-learning in the life sciences: exploiting open source materials in the curriculum**. This may include chapters e.g., examples of intended learning outcomes cases of life sciences

Third Call

education using open learning resources or MOOCs, pedagogical background, and versions of business models.

Target Audience

Life sciences academics, students, teachers, educational technology planning officers, academic administrators, and policy makers.

Programme and Venue

The programme includes three keynote presentations and space for discussion and sharing of experience. You are invited to make a short presentation of your experience in using the internet in teaching and learning – see the call below and ICA website. The venue is the university old Forestry house (Metsätalo) at the city centre, address is Unioninkatu 40 B, Helsinki.

Wednesday June 15, 18:00-20.00

Get together in the downtown Helsinki (Metsätalo, Unioninkatu 40; room 12)

Thursday June 16, Metsätalo, Unioninkatu 40; room 12,

Opening	Welcome: <i>Hanni Muukkonen</i> , Vice dean, University of Helsinki, Faculty of Agriculture and Forestry	9.00
Keynote address	Online and open courses - opportunities for life science education <i>Ulrike Wild, WUR</i> , discussion	9.10 10.00
Keynote address	Integrative Pedagogics (IP) model and e-learning <i>Päivi Tynjälä and Anne Virtanen</i> , University of Jyväskylä.	10.15
Coffee		11.00
Workshop	Introduction to Workshop. Aims and procedures. Working Groups. <i>Mika Rekola and Hanni Muukkonen</i> ,	11.30
	Presentations and working in Theme Groups	12.00
Lunch		13.00
Workshop	Presentations and working in Theme Groups to prepare article and preparing to report back to the all the Colloquium delegates.(continued)	14.00
Coffee		
Dinner		18.30-

Friday June 17, Metsätalo, Unioninkatu 40; room 12,

Keynote address	Business models in e-learning / e-business: A case study <i>Petri Parvinen</i> , University of Helsinki,	9.00
Discussion		9.30
Workshop	Presentations and working in Theme Groups to prepare article and preparing to report back to the all the Colloquium delegates (continued)	10.00
Coffee		
Discussion	Working Group presentations	11.15
Closing remarks	Conclusions, next steps	12.30
Lunch		13.00
Extra colloquium programme	Excursion to Viikki Life Science Campus, University of Helsinki	15:00

Call for contributions

We are calling for contributions in two formats: first, personal reflections, and second abstracts.

1. Reflection on previous experiences on e-learning. This first input from participants side are just to write down your own personal experiences or expectations on open e-learning material and how to use it in own teaching.

2. Abstract. You are also invited to submit an abstract related to one or two of the themes in the colloquium:

- the possibilities, challenges and benefits for the integration of open source learning approaches. You may discuss about either MOOCs or other open source education possibilities
- business models for the development and delivery world wide e-learning education, such as MOOC platforms or other systems.

Submissions can be

- a short 3 slide powerpoint discussion for presentation during the working group sessions and a
- a word/text document with no more than 800 words
- a poster

These reflections and abstracts will provide a basis for the in depth small group discussions. The outcome of these discussions will contribute to the articles around the colloquium topics.

Deadline for submission of your contribution is April 30, 2016. Submit your contribution here:

<https://elomake.helsinki.fi/lomakkeet/68809/lomake.html>

Registration

Registration is open here <https://elomake.helsinki.fi/lomakkeet/68666/lomake.html>.

Deadline for registration is April 30, 2016.

Registration fees include: welcome reception, 2 lunches, the conference dinner, tea/coffee breaks during the conference, and the excursion.

Registration fee must be paid latest 30 April. No refund after April 30.

240 € for ICA-members
320 € for non ICA-Members
80 € for student fee

Bank information should be entered as follows:
Receiver: University of Helsinki
IBAN: FI22 1660 3000 0777 38
SWIFT: NDEAFIHH

NOTE!

It is important that you write the reference/message for your payment as follows: H820 / WBS 3999802 / Conference participation

Accommodation

Accommodation options include hotels conveniently located close to colloquium venue (distances from 350 to 700 m). Hotels with contact information and non-binding price levels are below. Contact hotels directly and use code ICA-EDU to make a reservation.

Hotels / Guest House

Room prices per night

Original Sokos Hotel Helsinki

Kluuvikatu 8
00100 Helsinki
p. 020 1234 601

[Original Sokos Hotel Helsinki](#)

145 EUR / 1 person room (standard)
160 EUR / 2 person room (standard)
180 EUR / 2 person room with extra bed

Original Sokos Hotel Presidentti

Eteläinen Rautatiekatu 4
00100 Helsinki
p. 020 1234 608

[Original Sokos Hotel Presidentti](#)

135 EUR / 1person room (standard)
150 EUR / 2person room (standard)
170 EUR / 2person room (standard)
with extra bed

Original Sokos Hotel Vaakuna

Asema-aukio 2
00100 Helsinki
p. 020 1234 610

[Original Sokos Hotel Vaakuna](#)

143 EUR / 1person room (standard)
158 EUR / 2person room (standard)
178 EUR / 2person room (standard)
with extra bed

An lower cost option is here:

Unversity guest house Töölö Tower

Pohjoinen Hesperiankatu 23 A,
00260 Helsinki

(distance 2,3 km by public transportation 20 min.)

contact: mika.rekola@helsinki.fi

93 EUR / 1 person room

The Colloquium is promoted by the ICA Network for Innovation in Higher Education in the Life Sciences in Europe (ICA-Edu) see www.ica-europe.info and IUFRO forest education working group. Email Mika Rekola to receive more details - mika.rekola@helsinki.fi

Mika Rekola

ICA Board member
Faculty of Agriculture and Forestry,
University of Helsinki

Hanni Muukkonen

Vice-dean, Education
Faculty of Agriculture and Forestry
University of Helsinki

Barbara Hinterstoisser

Chair ICA-EDU
University of Natural Resources and Life
Sciences Vienna (BOKU)

