

# Virtual congress on e-learning design and use of Learning Analytics

23.-25.11. 2020 Hosted by University of Turku, Finland  
NordBioMedNet Erasmus+ funded course



UNIVERSITY OF BERGEN

## Organizing Committee:

Anni Wärri, Congress coordinator, University of Turku (UTU)

Ullamari Pesonen, University of Turku (UTU)

Leena Strauss, University of Turku (UTU)

Erkki Härkönen, University of Turku (UTU)

Cormac Mc Grath, Karolinska Institutet/University of Stockholm (KI/SU)

Barbara Wasson, University of Bergen (UiB)

Expert members: Mohammed Saqr, University of Eastern Finland (UEF)

Mohammad Khalil, University of Bergen (UiB)

Satu Hakanurmi, UTU

Laura Mairinoja, UTU (Congress co-coordinator)

## Times in CET (Finland +1 h), *no recording*

Monday 23.11. 2020

Precongress Workshop: Hands on MOOC design/On-line exams

Moderated by Leena Strauss, UTU and Cormac McGrath, KI/SU

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|---------------------------|--|
| 9.00-9.20 (10.00-10.20)   | Towards sustainable and collaborative education development (Cormac McGrath, KI/SU)  |
| 9.20-10.20 (10.20-11.20)  | Ways to promote/enhance the development of collaborative education <ul style="list-style-type: none"><li>• Library of Open Educational Resources (OER): Anna Lindfors, CSC <a href="https://aoe.fi">https://aoe.fi</a></li><li>• Howspace: Eero Nukari How artificial intelligence can support collaborative learning and development <a href="https://www.howspace.com">https://www.howspace.com</a></li><li>• Valamis: Ville Tuominen: Title TBC <a href="https://www.valamis.com">https://www.valamis.com</a></li></ul> |
| 10.20-10.40 (11.20-11.40) | Designing multiple choice questions (Leena Strauss, UTU)   |
| 10.40-11.00 (11.40-12.00) | <i>Break (interactive)</i>   |
| 11.00-12.00 (12.00-13.00) | Working in groups (tutored by Leena Strauss, UTU; Cormac McGrath, KI/SU; Jonne Laurila, UTU)   |
| 12.00-12.30 (13.00-13.30) | Wrap up of the Preconference (Leena Strauss, UTU; Cormac McGrath, KI/SU)   |

Nordbiomed



With the support of the  
Erasmus+ Programme  
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Nordplus

Tuesday 24.11. 2020

Session I Welcome and introduction

Chair: Erkki Härkönen, UTU

- 9.00- 9.10 (10.00-10.10) Opening words and welcome, Lars-Arne Haldosen, KI
- 9.10- 9.20 (10.10-10.20) How did it all start – birth of NordBioMedNet collaboration? Marit Bakke, UiB
- 9.20-10.00 (10.20-11.00) Towards sustainable education: on-line resources as a tool, Marjaana Suorsa, UTU
- 10.00-10.30 (11.00-11.30) Legal issues in OERs / CC-licensing and OER. Tarmo Toikkanen, Open Knowledge Finland
- 10.30-10.50 (11.30-11.50) *Break (interactive)*

Session II Towards sustainable and innovative educational practice in the Nordic region: Successful examples on OERs in Nordic countries

Chair: Ullamari Pesonen, UTU

- 10.50-11.10 (11.50-12.10) KI example: Course on Bioethics, Niklas Juth, KI
- 11.10-11.30 (12.10-12.30) UTU example: Course on Translational digital pathology, Leena Strauss, UTU
- 11.30-11.50 (12.30-12.50) SDU example: BMBonline - experience and reflections, Karin Hjerno/Lise Junker Nielsen, SDU
- 11.50-12.10 (12.50-13.10) UEF example: Introducing biomedicine students to computational data analysis, Merja Heinäniemi, UEF
- 12.10-13.00 (13.10-14.00) *Lunch break*
- 13.00-13.20 (14.00-14.20) UiB example: Imaging and machine learning in Python for students in (bio)medicine, Arvid Lundervold, UiB
- 13.20-13.50 (14.20-14.50) Panel discussion on sustainable educational practices, moderator Ullamari Pesonen, UTU
- Lars-Arne Haldosen, KI
  - Leena Strauss, UTU
  - Karin Hjerno/Lise Junker Nielsen, SDU
  - Merja Heinäniemi, UEF
  - Arvid Lundervold, UiB
- 13.50-14.00 (14.50-15.00) Wrap up of Day 1, Ullamari Pesonen, UTU

Wednesday 25.11. 2020

Session III eLearning and Learning Analytics

Chair: Barbara Wasson, BU

- 9.00-9.45 (10.00-10.45) Introduction to Learning analytics, Barbara Wasson, UiB
- 9.45-10:30 (10.45-11.30) eLearning & Learning Analytics in Higher Education, Mohmmad Khalil, UiB
- 10.30-10.50 (11.30-11.50) *Break (interactive)*
- 10.50-11.30 (10.50-11.30) Supporting Fluent Study Paths with Learning Analytics: Answering to Students' Needs and Expectations with LA Tools, AnalyticsAI-project, Anni Silvola/Egle Gedrimiene, OYO
- 11.30-12.15 (12.30-13.15) Ethical Dimensions of Learning Analytics, Teresa Cerratto-Pargman, DSV, Stockholm University
- 12.15-13.00 (13.15-14.00) *Lunch break*
- 13.00-13.45 (14.00-14.45) Learning Analytics Policy in Finland, Erkki Härkönen, UTU
- 13.45-14.15 (14.45-15.15) Learning analytics from predictions to understating of learning and learning processes, Mohamed Saqr, UEF
- 14.15-14.30 (15.15-15.30) Wrap up of the Day 2 (Barbara Wasson & someone from the consortium)

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Registration

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## List of Speakers and Session Chairs:

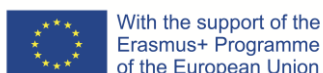
Cormac McGrath, PhD, University Lecturer, Department of Education, Stockholm University (SU), Sweden

Leena Strauss, PhD, University Lecturer, Institute of Biomedicine, University of Turku (UTU), Finland

Anna Lindfors, MA, Coordinator, Project manager, CSC - IT Center for Science, Finland

Eero Nukari, MSc, Learning Expert & Customer Success Manager, Howspace, <https://www.howspace.com>

Ville Tuominen, MSc, Principle Learning Consultant, Valamis, <https://www.valamis.com>



Jonne Laurila, PhD, University Lecturer, Institute of Biomedicine, University of Turku (UTU), Finland

Erkki Härkönen, Development Specialist, Educational Support Services, University of Turku (UTU), Finland

Lars-Arne Haldosen, PhD, Program Director Biomedicine, Karolinska Institutet (KI), Sweden

Marit Bakke, PhD, Professor, Vice Dean of Research, Faculty of Medicine, University of Bergen (UiB), Norway

Marjaana Suorsa, Adjunct Professor, Project manager, Sustainable development, University of Turku (UTU), Finland

Tarmo Toikkanen, MSc, General executive, Open Knowledge Finland

Niklas Juth, PhD, Senior Lecturer, Department of Learning, Informatics, Management and Ethics, Karolinska Institute (KI), Sweden

Karin Hjernø, PhD, Head of Secretariat, Department of Biochemistry and Molecular Biology, University of Southern Denmark (SDU), Denmark

Lise Junker Nielsen, PhD, Outreach Coordinator, Department of Biochemistry and Molecular Biology, University of Southern Denmark (SDU), Denmark

Merja Heinäniemi, PhD, Associate Professor, School of Medicine, Biomedicine, University of Eastern Finland (UEF), Finland

Arvid Lundervold, PhD, Professor, Medical Information Technology, University of Bergen (UiB), Norway

Ullamari Pesonen, PhD, Professor, Institute of Biomedicine, University of Turku (UTU), Finland

Barbara Wasson, PhD, Professor, Director, Centre for the Science of Learning & Technology, University of Bergen (UiB), Norway

Mohammad Khalil, PhD, Senior Researcher, Centre for the Science of Learning & Technology, University of Bergen (UiB), Norway

Anni Silvola, MEd, Faculty of Education, University of Oulu (OYO), Finland

Egle Gedrimiene, PsyM, Faculty of Education, University of Oulu (OYO), Finland

Teresa Cerratto-Pargman, PhD, Associate Professor at the Department of Computer Sciences (DSV), Stockholm University (SU), Sweden

Mohamed Saqr, PhD, Senior researcher, Faculty of Science and Forestry, School of Computing, University of Eastern Finland (UEF), Finland