MODEST Training on Organization and Management of Doctoral Training and Research Methodology
Helsinki/ Hyytiälä, Finland, 27-28 May 2020

The Erasmus+ MODEST project (https://www.atm.helsinki.fi/peex/index.php/projects/174-modest-project) virtual training (hosted by Univ Helsinki/ co-hosted by Brunel Univ London) will concentrate on the following topics:

Day 1 (27 May 2020) - presentations on organization and management of doctoral training from each MODEST European project partners, and on sharing needs of universities and doctoral candidates from Armenian, Belarusian, Russian partners; and Centers of Excellence and international projects from the Univ Helsinki perspective.

Day 2 (28 May 2020) – presentations on the MODEST courses developments (since 7 April 2020 virtual-training); educational and research activities done and ongoing at Hyytiälä forestry station (SMEAR-II; https://www.atm.helsinki.fi/SMEAR).

After the virtual-training:

Each university will draft the organization and management of their Doctoral Training Center, DTC to best support their needs and taking into account, where it is applicable/ suitable, the shared information from partners' presentations.

Target groups: professors, researchers, teachers, PhD students and young researchers.

Agenda (all times are in Helsinki time)

DAY 1 --- Wednesday, 27 May 2020

> 11:50 – Welcome (coordinator – *Inga Skendere, UL* & WP2 leader – *Katja Lauri, UHEL*)

Session (I) Presentations from each MODEST project EU country
- 12:00 – Technology Enhanced learning. What is enhances and how to ensure that learning goals are met - *Linda Daniela, UL*
- 12:25 – Organization and assessment of PhD students scientific activities in Poland: case study of the Jagiellonian University - *Lucjan Chmielarz & Marek Frankowicz, JUK*
- 12:50 – Effective supervision of PhD and MSc students remotely in UK - *Maysam Abbod, BUL*
- 13:15 – Organization and administration of doctoral education at UH – *Sini Karppinen, UHEL*

> 13:40   - *Coffee/tea break*

Session (II) Session on sharing needs of universities and doctoral candidates
- 14:00 - UL – University of Latvia (Riga, Latvia) – *Inga Skendere*
- 14:05 - MIPT – Moscow Institute of Physics and Technologies (Moscow, Russia) – *Irina Obukhova*
- 14:25 - MIIGAiK – Moscow State University of Geodesy & Cartography (Moscow, Russia) – *Galina Kuznetsova*
- 14:30 - RSVPU – Russian State Vocational Pedagogical University (Ekaterinburg, Russia) – *Natalia Lomovtseva*
- 14:35 - KNRTU – Kazan National Research Technological University (Kazan, Russia) – *Julia Ziyatdinova*
- 14:40 - YSU – Yerevan State University (Yerevan, Armenia) – *Rafayel Barkhudaryan & Eranuhi Manukyan*
- 14:45 - NPUA – National Polytechnic University of Armenia (Yerevan, Armenia) – *Gevorg Margarov*
- 14:50 - ASPU – Armenian State Pedagogical University Kh. Abovyan (Yerevan, Armenia) – *Mariam Gevorgyan*
- 14:55 - BNTU – Belarusian National Technical University (Minsk, Belarus) – *Nikolay Kuleshov*
- 15:00 - PSU – Polotsk State University (Polotsk, Belarus) – *Aliaksandr Yemialyanau*
- 15:05 - YKSUG – Yanka Kupala State University of Grodno (Grodno, Belarus) – *Alena Apiakun*

- 15:10 – **Briefly on the take-home-work-assignment & questions:** (*each university will draft the organization and management of their Doctoral Training Center, DTC to best support their needs & taking into account*

where it is applicable/ suitable the shared information from partners' presentations) – Katja Lauri & Sini Karppinen (UHEL), Irina Obukhova (MIPT), Inga Skendere (UL)

15:30   *- Coffee/tea break*

Session (III) Centers of Excellence & International Projects
- 15:45 – Finnish Centers of Excellence - *Anna Lintunen, UHEL*
- 16:15 – Nordic Centers of Excellence - *Katja Lauri & Timo Vesala, UHEL*
- 16:45 – CLOUD project as an example of doctoral training through Marie Curie ITN program – *Katrianne Lehtipalo, UHEL*

- 17:00 – Closing words *(Inga Skendere, LU & Katja Lauri, UHEL)*
  & Online questionnaire on the Hyytiala virtual-training evaluation - DAY 2- *Tatiana Kalganova, BUL & Alexander Mahura, UHEL*

DAY 2 --- Thursday, 28 May 2020

Session (IV) Reporting on MODEST courses descriptions and developments, status/progress

Strand A - Research
- 10:00 - A1: Research methodology and research design – *Artem Bezrukov (KNRTU)*
- 10:15 - A2: Project writing, project management, looking for sources of funding – *Inga Skendere (LU)*
- 10:30 - A3: International Research Writing and Presentation Skills – *Elena Bazanova (MIPT)*
- 10:45 - A4: Research ethics, Intellectual property rights and personal data protection – *Katja Lauri (UHEL)*
- 11:00 - A5: "3I" - interdisciplinarity, interculturality, internationalization in research – *Laima Geikina (UL)*

11:15   *- Coffee/tea break*

Strand B - Teaching and Learning
- 11:30 - B1: Organization of doctoral training – *Katja Lauri (UHEL)*
- 11:45 - B2: Educational/ constructive alignment. Design and implementation of courses for doctoral studies – *Sini Karppinen (UHEL)*
- 12:00 - B3(a): Digital literacy – *Gevorg Margarov (NPUA)*
- 12:15 - B3(b): Data analysis and expert systems – *Sergey Krylov (MIIGAiK)*
- 12:30 - B4: Virtual environment – *Natalia Lomovtseva & Vitaly Kopnov (RSVPU)*

12:45   *- Lunch*

Strand C - Communication and Cooperation
- 13:30 - C1: Commercialization of research, managerial skills etc. – *Andrey Materukhin (MIIGAiK)*
- 13:45 - C2: Interpersonal Communication – *Vitaly Kopnov (RSVPU)*
- 14:00 - C3: Complexity – *Marek Frankowicz (JUK)*
- 14:15 - C4: Sustainable Development and Global Challenges of 21st century – *Galina Kuznetsova (MIIGAiK)*

14:30   *- Coffee/tea break*

Session (V) Hyytiälä courses: education and science: teaser
- 14:45 – Educational courses at Hyytiälä Forestry Field Station: UHEL approach – *Katja Lauri, UHEL*
- 15:00 – Advanced intensive courses at SMEAR II: a teacher perspective – *Ekaterina Ezhova, UHEL*
- 15:15 – Hyytiälä schools from the point of view of a student – *Anastasia Demakova, UHEL*
- 15:30 – Courses at Hyytiälä and beyond: assisting courses to gain transferable skills – *Ksenia Tabakova, UHEL*
- 15:45 – Art-science collaboration in education - *Hanna Vehkamäki, UHEL*
- 16:00 – Studying interactions between forest and atmosphere - *Ilona Ylivinkka, UHEL (online streaming from Hyytiala, SMEAR-II)*

- 16:15 – Closing words *(Inga Skendere, LU & Irina Obukhova, MIPT & Katja Lauri, UHEL)*
  & Online questionnaire on the Hyytiala virtual-training evaluation - DAY 2- *Tatiana Kalganova, BUL & Alexander Mahura, UHEL*