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Draft agenda: LMRO-PI Peer-learning Seminar 4, “Stimulating innovation through inter/transdisciplinarity in education and research”, Country Chair – Hungarian Agency for National Research, Development and Innovation

Labour Market Relevance and Outcomes of Higher Education Partnership Initiative (LMRO-PI)

3 March 2022 – virtual Zoom meeting from 9:00-18:00 CET

Register for the event here: https://meetoecd1.zoom.us/meeting/register/tJUtc-gopzgpGNBQ3VAzKmuX-DrPQ_XOtRAs to receive the link and password to join, and add the event in your calendar.

See the programme of all LMRO-PI peer-learning events here: <https://www.wpz-research.com/lmro-partnership-initiative/>.

The peer-learning events of the LMRO Partnership Initiative are designed for policy makers and practitioners to review innovative national policies, identify enablers and barriers to innovative institutional practices, and discuss key findings from research. The aim is to (i) facilitate peer learning, (ii) identify key questions relevant for policy making and the adoption and upscaling of effective institutional practices that require further attention, and, thereby, (iii) stimulate and contribute to an international policy debate. The online events gather an international audience of higher education policy stakeholders, including policy makers, leaders of higher education institutions, teaching and administrative staff, and representatives of quality assurance bodies, industry, student unions, and higher education researchers.

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Draft agenda: “Stimulating innovation through inter/transdisciplinarity in education and research”, Country Chair – Hungarian Agency for National Research, Development and Innovation

Seminar 4 - Opening session

Purpose

To welcome participants to the seminar; provide an overview of the LMRO-PI peer-learning activities; explain the aims of the seminar and the relevance of the seminar topic for the country’s higher education policy.

9:00-9:25

Presenters

Hungarian Agency for National Research, Development and Innovation, OECD, and the European Commission

9:25-9:30 - Break

Session 1. Harnessing research collaboration to identify emerging demand for inter/transdisciplinary skills

Purpose

To explore the following questions:

- How can greater communication between academia and industry be achieved in order to identify LM-relevant skills?
 - What are key actors, structures and areas of collaboration? How may formal and informal channels complement each other?
 - How are the various LM insights processed and shared within HEIs?
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9:30-10:10

Item 1. Creating “spaces” for inter/transdisciplinarity and transferable skills development in doctoral education

Moderated panel discussion

Corina Balaban, Honorary Research Associate at the University of Manchester, UK

- Mobility of doctoral degree holders between disciplines and sectors

István Greiner, Director of Research and Development, Richter Gedeon Ltd. (TBC)

- Importance of inter/transdisciplinarity for research, development and innovation

Moderation by **István Szabo**, Vice-President of the Hungarian Agency for National Research, Development and Innovation

10:10-10:30

Item 2. Building synergies between national research priorities and university flagship research areas

[TBC]

10:30-10:40 - Break

10:40-11:30

Item 3. Harnessing research collaboration to identify emerging demand for inter/transdisciplinary skills

Moderated panel discussion

- **Ana Sargento**, Vice President for Knowledge Transfer and cooperation with Business and Society, Instituto Politecnico de Leiria
- **Isabelle Reymen** Scientific Director of TU/e innovation Space at the TU Eindhoven, The Netherlands: [4 TU Federation](#)
- **Gerald Schatz**, CEO, Linz Centre for Mechatronics
- **Zoltán Kónya**, Vice-Rector for Scientific Affairs, University of Szeged: Szeged Innovation Award

Moderated by **András Dinnyés**, Founder and Director of BioTalentum Ltd.

11:30-12:45 - Break

Session 2. Opening research partnerships with industry and between fields to students

Purpose

To discuss the following questions:

- What institutional environments, structures and mechanisms can increase student exposure to interdisciplinary research?
- How can students participate in research collaborations among different fields and with industry?
- What can students learn from these experiences?

12:45-13:35

Item 4. Developing transversal skills by experiencing research and observing how researchers think about inter-/transdisciplinarity

Moderated panel discussion

- **Cristina Albuquerque**, Vice-Rector for Academic Affairs of the University of Coimbra
 - Acquisition of transversal skills and benefits of connections between teaching, research and the labour market
- **Urban Bren**, Vice-Rector for Research of the University of Maribor
 - “Innovation Fund” for students to translate knowledge gained in classroom into ideas with an innovation potential
- **Attila Felinger**, Vice Rector for Science and Innovation of the University of Pecs
 - Benefits for students from involvement in research partnerships

Moderated by **István Kovács**, National Expert of the LMRO Partnership Initiative in Hungary

13:35-13:40 - Break

13:40-14:20

Item 5. How to create room and guidance/contact points for students to experience a research environment?

Moderated panel discussion

- [FabLab Budapest](#), **David Pap** (Director)
- [Vortex CoLab](#), **Rodrigo Maia**, Vortex CoLab Portugal and Capgemini Engineering (Head of Research & Development | Technology & Innovation)
- [I2C Innovation Centre](#) TU Vienna, **Birgit Hofreiter** (Director) and **Alexandra Negoescu** (Scientific Program Manager)
- [FIEK](#), **Laszlo Lengyel**, Faculty of Electrical Engineering and Informatics of the Budapest University of Technology and Economics (FIEK Coordinator)

Moderated by **Orsolya Rigó-Ditzendy**, Hungarian Agency for National Research, Development and Innovation (National Coordinator of the LMRO Partnership Initiative in Hungary)

14:20-15:00

Item 6. How may inter-/transdisciplinarity in research be made accessible for students? What structures are conducive, including in terms of financing and staff time?

Moderated panel discussion

- [Innorenue research centre](#), **Andreja Kutnar**, University of Primorska
- [EUtopia](#) **Tanja Dmitrovic**, University of Ljubljana

Moderated by **Martina Merz**, Vice-Rector for Research at the University of Klagenfurt

15:00-15:30 - Break

Session 3. Integrating labour market-relevant inter-/transdisciplinarity into curricula

Purpose

To discuss the following questions:

- How may curricula allow for the teaching of labour market-relevant inter-/transdisciplinary knowledge? How can students learn in inter-/transdisciplinary teams?
- What processes and actors may facilitate the integration of inter-/transdisciplinarity in curricula?
- How can HEIs strengthen the value of new inter-/transdisciplinary programmes on the labour market?

15:30-15:50

Item 7. Updating curricula

[Student Project House](#) – SPH at the ETH Zürich, **Judith Zimmermann** (Rector's Office, Head of Strategic Projects)

Interviewed by Christian Huemer, TU Vienna, (Dean of Academic Affairs of Business Informatics)

15:50-16:10

Item 8. Raising awareness of careers outside of academia among doctoral candidates and junior researchers

[Docenhance.eu](https://docenhance.eu), **Lucas Zinner**, University of Vienna (Head of Research Services, Technology Transfer and Career Development including Doctoral Education, Founder of PRIDE Network Association for Professionals in Doctoral Education)

Interviewed by **Haneen Atallah**, European Council of Doctoral Candidates and Junior Researchers (External Communication Coordinator and member of the Association of Hungarian PhD and DLA Candidates, DOSZ)

16:10-16:40

Item 9. Break-out rooms – Idea-exchange among peers with interviews:

Participants are invited to self-select in Zoom the breakout room they would like to join, from the following options:

#1 Interdisciplinary challenge-based learning

- [IPVC Inclusive School](#) – interdisciplinary challenge-based learning in the Instituto Politecnico de Viana do Castelo, **Ana Teresa Ferreira Oliveira** (Gender Equality Commission Coordinator, Inclusive School Programme Coordinator)
- Interviewed by **Norbert Bencze**, Eötvös Loránd University, ELTE (President of the Doctoral Students' Council)
- Rapporteur: **Kristi Raudmae**, Estonian Ministry of Education and Research (Head of Higher Education Area)

#2 Extension curricula to develop inter-/transdisciplinary skills

- Extension programme “Digital Competence”, **Christian Huemer**, TU Vienna (Dean of Academic Affairs of Business Informatics)
- Interviewer: **Diane Freiberger**, [Fibaa](#) (Director)
- Rapporteur: TBC

#3 Design and implementation of new degree programmes

- [New Master of Laws \(LLM\)](#) at the University of Klagenfurt, **Michael Pfeifer** (Programme Director),
- Interviewer: **Peter Mezei**, University of Szeged (Director Doctoral School)
- Rapporteur: TBC

#4 Design and implementation of new degree programmes – STEM

- [NAWITECH](#) BSc programme at the Johannes Kepler University Linz, **Oliver Brüggemann** (Programme Coordinator)
- Interdisciplinary new study programme in [Biopsychology](#) at the University of Primorska, **Dragan Marusic** (Programme Coordinator and former Rector)
- Rapporteur: Pedagogical Council of Instituto Superior Técnico “Project of Knowledge Integration” (TBC)

#5 Developing interdisciplinary skills through application - doctoral education

- “Market project” in the PhD pharmacy programme, **Borut Božič**, University of Ljubljana (Programme Council of the Interdisciplinary Doctoral Degree Programmes in Biomedicine)
- Interviewed by **Szilvia Szöllösi**, Eötvös Loránd University, ELTE (Head of University Strategy Office)
- Rapporteur: **Erich Herber**, Austrian Research Promotion Agency, (FFG) (TBC)

#6 Transferable skills programme for doctoral students and candidates

- Transferable skills programme for doctoral students at the University of Graz, **Corinne von der Hellen** (Programme Coordinator)
- Interviewed by **Katja Lozar Manfreda**, University of Ljubljana (Vice-Dean for Student affairs at Faculty of Social Science)
- Rapporteur: **Gabi Kaffka**, UMC Utrecht (Postdoctoral Researcher)

#7 Entrepreneurship skills development and start-up support

- [Hungarian Startup University Programme](#), **Krisztián Kölkedi** (Programme Leader)
- Interviewed by **Gert Guri**, TU Eindhoven (Coordinator of Entrepreneurial Learning)
- Rapporteur: **Anne Rimmer**, OECD (Centre for Entrepreneurship, Cities and Regions)

16:40-17:00

Item 10. Reporting back to plenary

Rapporteurs from small group discussions in breakout rooms and OECD

Moderated by **István Kovács**, National Expert of the LMRO Partnership Initiative in Hungary

Seminar 4 - Summary session

Purpose

To provide participants with a summary of the high-level points and a policy outlook.

17:15-18:00

Hungarian Agency for National Research, Development and Innovation, OECD, and the European Commission