



## PROGRAMME

### Monday 25 September 2023 – Arrival day

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| 13:00–14:00 | Registration and coffee, Sallatunturin Tuvat   |
| 14:00       | Bus transfer from Sallatunturin Tuvat to Salla Wilderness Park   |
| 14:15–14:30 | Conference opening - Welcome to MEC 2023 Conference!<br>Chair: <b>Heli Ruokamo</b> , Professor, University of Lapland  |
| 14:30–15:00 | Greetings from <a href="#">Finnish Educational Research Association, FERA</a> , Heli Ruokamo, President of FERA<br>Greetings from <a href="#">FinEd – The Finnish Multidisciplinary Doctoral Training Network on educational Sciences</a> , <b>Anna Rawlings</b> , Coordinator of the FinEd Network (online)   |
| 15:00–16:30 | Presentations<br><br><i>Ella Airola</i> : ICME presents: Instructional principles to design inclusive media literacy<br><br><i>Päivi Timonen</i> : Teaching presence as a student and teacher activity in real-time collaborative online coaching pedagogy<br><br><i>Tommi Nevala</i> : Camera pen pedagogy model for learning that supports pupil's metacognition<br><br><i>Jenni Koski</i> : Gender Equality Education as a part of Media Literacy |
| 16:30–17:00 | <i>Coffee/tea</i>  |
| 17:00–18.00 | Keynote 1: <i>Simulation-based Training in Healthcare: Overview and Evolving Virtual and Augmented Reality</i><br><b>David M. Gaba</b> , Professor, Stanford University, USA (online)<br>Chair: Heli Ruokamo, Professor, University of Lapland   |
| 18:15       | Bus transfer from Salla Wilderness Park to Sallatunturin Tuvat   |
| 19:00–21:00 | Get-together, Sallatunturin Tuvat  |



## Tuesday 26 September 2023

- 08:45 Bus transfer from Sallatunturin Tuvat to Salla Wilderness Park
- 09:00–09:10 Opening of the day and chair **Marjaana Kangas**, University Lecturer, University of Lapland
- 09:10–09:30 Greetings from [the National Audiovisual Institute's Department for Media Education and Audiovisual Media \(MEKU\)](#), **Ella Airola**, Project Manager  
Greetings from [Satakunta University of Applied Sciences](#), **Jari Multisilta**, President and Managing Director (online)
- 09:30–10:30 Keynote 2: *Can there be a (mathematically-grounded) "physics" of learning?*  
**Keith Devlin**, Mathematician, Emeritus, Stanford University, USA
- 10:30–11:00 *Coffee/tea*
- 11:00–12:30 Presentations
- Kristian Kiili*: Evidence-based development of the MediaWatch graph reading game
- Mari Maasilta*: The hidden power of games: Teaching transliteracy via serious games
- Surya Pasupuleti*: Playful Computation: investigating the impact of playful learning on computational thinking motivation
- Jarosław Płuciennik*: Moomins as a cultural phenomenon: multimedia storytelling to many audiences
- Marjaana Kangas*: Strengthening sustainability competences through playful multiliteracy method: cases of arctic literacy and futures literacy
- 12:30–13:30 *Lunch*
- 13:30–14:30 Keynote 3: *Planning for Personal Digital Inquiry: Connecting Learners in Ways That Matter*  
**Julie Coiro**, Professor, University of Rhode Island, USA  
*Chair: Carita Kiili, Academy Research Fellow, Tampere University*



*Chair: Outi Kallionpää, University Lecturer, University of Lapland*

14:30–16:00 Presentations

*Carita Kiili: Supporting Students' Credibility Evaluation Skills with Non-Storified vs. Storified Learning Materials*

*Minna Silvennoinen, Mikko Vesisenaho: Multisensory simulation environment: pedagogical and therapeutic applications*

*Satu Aksovaara: Supporting student activities through learning analytics – exploring suitable indicators from the learning process data*

*Juho Mattila: Investigating Metaverse Pedagogy: An Examination of a Virtual Classroom Methodology for Teaching Metaverse Themes and Potentialities*

16:00–16:30 Coffee/tea

16:30–18:00 Presentations

*Laura Hirsto, Teemu Valtonen: Elementary school teachers as users of learning analytics to support pupils learning*

*Steven Burton: Imagining the capacity for enhanced learning effectiveness in the university sector: the potential synergy of immersive learning and embodied cognition*

*Priscila Berger: Exploring patterns in teachers' media practices: Insights from classroom observations*

*Jarmo Viteli: The Digital Leap in March 2020 – How Do the Teachers Now Assess Their Digital Competence?*

*Guna Spurava: Challenges and drivers of youth e-participation in societal decision-making in the age of algorithm-driven platforms*

18:00 – 19:00 Free time outdoors

19:00–21:00 Lappish Hut Evening at the Salla Reindeer Park

21:15 Bus transfer from Salla Wilderness Park to Sallatunturin Tuvat



### Wednesday 27 September 2023

- 08:45 Bus transfer from Sallatunturin Tuvat to Salla Wilderness Park
- 09:00–09:15 Opening of the day and chair **Satu-Maarit Korte**, University Lecturer, University of Lapland
- 09:15–09:30 Greetings from [Finnish Society on Media Education](https://www.finnishsocietyonmediaeducation.fi/), **Christa Prusskij**, Executive Director (online)
- 09:30–10:30 Keynote 3: *Artificial Intelligence Literacy: A Framework and Evaluation Outcomes in Senior Secondary and Higher Education*
- KONG Siu-Cheung**, Research Chair Professor, The Education University of Hong Kong  
*Chair: Satu-Maarit Korte*, University Lecturer, University of Lapland
- 10:30–12:00 Presentations
- Alessandra Carenzio, Simona Ferrari*: Media Literacy in times of crisis: first results of the YO-MEDIA project handling the voice of educators, teachers, and journalists
- Anu Lehtikö*: The Effect of Immersive Virtual Reality Interactivity on Perceived Affordances and Cognitive Load in Safety Training
- Siu-Cheung Kong, Mari Maasilta, Satu-Maarit Korte*: Intercultural teaching and learning online: A case of Artificial Intelligence (AI) literacy
- Michael Reicho*: Facts against Fakes: Implementing Phenomenon-Based Learning in Secondary Schools in Austria to Counteract Disinformation
- 12:00–13:00 Lunch
- Chair: Mari Maasilta*, University Lecturer, University of Lapland
- 13:00–14:30 Presentations
- Olli Kelh *: The Aims, Theories, and Gamification of Wellbeing Applications – The Systematic Review of Gamified Mobile Interventions
- Outi Kallionp  , Johanna Pentik inen*: How to match writing and transmedial skills pedagogy with gaming? Conducting systematic review on research, implementing a pilot study, and designing a digital learning platform





*Sanna Rantanen, Xiaoshan Huang: A scoping review of G-STEAM education in primary school context and its implication for teacher education*

*Liping Sun, Marjaana Kangas, Heli Ruokamo, Signe Siklander: Teacher scaffolding in game-based learning: A systematic literature review*

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| 14:30–15:00 | Coffee/tea   |
| 15:00–15.15 | Greetings from <a href="https://seminar.net">seminar.net</a> , <b>Yngve Nordkvelle</b> , Editor (online) |
| 15:15–15:30 | Conference Closing, Heli Ruokamo   |
| 15:30       | Bus transfer from Salla Wilderness Park to Sallatunturin Tuvat   |
| 15:30–      | Free outdoor activities  |
| 20:00–      | Dinner, Sallatunturin tuvat  |