



## PROGRAMME

### Tuesday 28 September 2021 – Arrival day

18:00–19:00 Registration, Royal Reindeer

19:00–21:00 Get-together, Royal Reindeer

### Wednesday 29 September 2021

09:00–09:15 Conference opening - Welcome to MEC 2021 Conference!  
Chair: Professor **Heli Ruokamo**

09:15–09:30 Greetings from the [National Audiovisual Institute's Department for Media Education and Audiovisual Media \(MEKU\)](#)  
Deputy Director **Leo Pekkala** & Senior Adviser **Lauri Palsa**

09:30–10:30 Keynote 1: *Critical Thinking in the Data Age. New Challenges, New Literacies*  
**Professor Pier Cesare Rivoltella**, Milan Catholic University, Italy (ONLINE)

10:30–11:00 *Coffee/tea*

## MEDIA, DIGITAL AND INFORMATION LITERACIES

*Chair: Heli Ruokamo*

11:00–11:15 *Media repertoires, digital competences, media literacies: Exploring older people's perspectives and experiences*  
Alessandra Carenzio, Simona Ferrari & Päivi Rasi

11:15–11:30 *Pedagogical Perspective on Intercultural Film Literacy Education*  
Sergei Glotov

11:30–11:45 *The Data Literacy Competence Model. Using and understanding data*  
Leo Van Audenhove & Andy Demeulenaere

11:45–12:00 *From present and future learning environments of the jurisprudence*  
Johanna Aalto

12:00–12:15 Discussion



12:15–13:15 Lunch

## **MEDIA, DIGITAL AND INFORMATION LITERACIES**

*Chair: Heli Ruokamo*

13:15–13:30 *Communicating health online: how teens decolonise and transform prevention*  
Simona Ferrari & Eleonora Mazzotti

13:30–13:45 *Holistic media ethics in times of solutionism and digital capitalism - fragments for a critical terrestrial thinking*  
Torsten Schäfer

13:45–14:00 *An assessment of nurses' clinical competence: a systematic literature review*  
Mervi Rasilainen (ONLINE)

14:00–14:15 Discussion

14:15–14:45 *Coffee/tea*

14:45–15:00 *Investigating critical graph literacy of 7th-9th graders*  
Kristian Kiili, Antero Lindstedt, Tua Nylén, & Petteri Muukkonen

15:00–15:15 *Assessing Adolescents' Critical Online Reading Skills*  
Carita Kiili

15:15–15:30 *Young People as Empirical Experts in the Era of Information Crises*  
Guna Spurava & Sirkku Kotilainen (ONLINE)

15:30–15:45 *Building code literacy by promoting hacker culture*  
Yen Can, Sirkku Kotilainen & Jussi Okkonen (ONLINE)

15:45–16:00 Discussion

16:00– Free time, outdoor activities



**Thursday 30 September 2021**

Free time, outdoor activities

11:00–11:05 Opening of the day  
Chair: Associate Professor **Päivi Rasi**, University of Lapland

11:05–11:15 Greetings from the [Finnish Society on Media Education](#)  
Executive Vice Director **Christa Pruskij** & Chairperson **Marjo Kovanen**

#### **DIGITAL MEDIA IN TEACHING AND LEARNING**

*Chair: Päivi Rasi*

11:15–11:30 *Flipped classroom approach to teaching master's seminar*  
Erkko Sointu, Hanna Vuojärvi & Aino Äikäs

11:30–11:45 *Parents views on use of ICT in schools*  
Juha Seppä, Mikko Vesisenaho & Päivi Häkkinen

11:45–12:00 *Psychosocial well-being of students in Northern Finland - experiences and effects of distance learning*  
Janne Väätäjä, Satu-Maarit Korte, Solja Upola, Pigga Keskitalo, Suvi Lakkala & Merja Paksuniemi

12:00–12:15 *Mobile application for school principals in support of professional learning*  
Lauri Lantela & Saana Korva

12:15–12:30 Discussion

12:30–13.30 *Lunch*

#### **DIGITAL MEDIA IN TEACHING AND LEARNING**

*Chair: Päivi Rasi*

13:30–13:45 *Learning analytics and distance education - supporting preservice teachers' individualized learning during one of the most hated courses: quantitative methods*  
Erkko Sointu, Teemu Valtonen, Susanne Hallberg, Jenni Kankaanpää, Sanna Väisänen, Lasse Heikkinen & Laura Hirsto



- 13:45–14:00 *Disinformation and fact-checking in European Higher Education*  
Sirkku Kotilainen, Mari Maasilta, Kirsti Lempiäinen, Siling Tekoniemi & Pekka Vasari
- 14:00–14:15 *Cross-boundary knowledge creation in international student-teams in online higher education settings*  
Henriikka Vartiainen, Hanna Vuojärvi, Kaija Saramäki, Miikka Eriksson, Ilkka Ratinen, Piritta Torssonen, Petteri Vanninen & Sinikka Pöllänen
- 14:15–14:30 Discussion / Break
- 14:30–14:45 *Quantitative Ethnography and the Analysis of International Student Collaborations Involving Rainforests, Data Science, and Artificial Intelligence*  
Eric Hamilton, Danielle Espino, Seung Lee, Ana Paula Giacomassi, Arquimedes Luciano & Ruth Akumbu
- 14:45–15:00 *Toward AI-supported Simulation-Based Learning*  
Heli Ruokamo, Marjaana Kangas, Hanna Vuojärvi, Liping Sun & Pekka Qvist
- 15:00–15:15 *Insights into the research focusing on educational technology*  
Teemu Valtonen, Sonsoles López-Pernas, Erko Sointu, Mohammed Saqr, Henriikka Vartiainen & Matti Tedre
- 15:15–15:30 *Pupils' experiences of utilizing learning analytics in a learning environment resorting to self-regulated learning*  
Sanna Väisänen, Ida-Auroora Tervo, Susanne Hallberg, Jenni Kankaanpää, Erko Sointu, Teemu Valtonen & Laura Hirsto
- 15:30–15:45 Discussion
- 15:45–16:15 *Coffee/tea*

## ONLINE SESSION

*Chair: Päivi Rasi*

- 16:15–16:30 *Tutor Teachers and COVID-19 –The Role of Peer Teaching as Response to Pandemic Outbreak and Distance Learning in Finland*  
Erika Tanhua-Piironen, Kaisa Honkonen, Jaakko Vuorio & Jarmo Viteli (ONLINE)
- 16:30–16:45 *The perceived technostress before and during COVID-19 while applying educational technology in teaching*  
Antti Syvänen (ONLINE)



- 16:45–17:00 *Research on the Instructional Design of Classroom English Learning Based on Playful Learning*  
Xiaoyan Li (ONLINE) & Marjaana Kangas
- 17:00–17:15 *The EdTech Observatory Project: Co-creating and Evidencing Digital Transformation in Schools*  
Iiris Tuvi, Jussi Okkonen, Cecilie Johanne Slokvik Hansen, Timo Tobias Ley, Vallery Michael, Ingun Ness, Kairit Tammets, Terje Väljataga & Barbara Wasson (ONLINE)
- 17:15–17:30 Discussion
- 17:30–18:00 Break

*Chair: Heli Ruokamo*

- 18:00–19:00 *Keynote 2: The Problem-Solving Cycle and Teacher Leadership Preparation Program: Developing and Researching Video-Based Models for Professional Learning*  
**Professor Hilda Borko**, Stanford University, California, USA (ONLINE)
- 19:30– Conference closing dinner, Sky Kitchen & View, Lapland Hotel Sky Ounasvaara

### **Friday 1 October 2021**

- 09:00–09:05 Opening of the day  
Chair: Associate Professor **Marjaana Kangas**, University of Lapland
- 09:05–09:15 Greetings from [FinEd – The Finnish Multidisciplinary Doctoral Training Network on Educational Sciences](#)  
**Heli Ruokamo**, Head of FinEd
- 09:15–09:30 Greetings from [Finnish Educational Research Association, FERA](#)  
**Auli Toom**, Chair of the Board

*Chair: Marjaana Kangas*

- 09:30–10:30 *Keynote 3: Professor Hyeon-Seon Jeong*, Gyeongin National University of Education, South Korea (ONLINE)  
*Developing Critical Literacy Education of Recommendation Algorithm for Young People*



10:30–11:00 *Coffee/tea*

## **PLAYFUL LEARNING**

*Chair: Marjaana Kangas*

11:00–11:15 *Let's be part of the change! Let's play! Urban participation and Pokémon Go*  
Giulia Conti

11:15–11:30 *Game-based features on intrinsic motivation in intelligent game-based learning environments: A systematic literature review*  
Liping Sun, Heli Ruokamo, & Marjaana Kangas

11:30–11:45 *Designing playful learning by making news with pre-schoolers*  
Briitta Ollonen & Marjaana Kangas

11:45–12:00 *Discussion*

12:00–13:15 *Lunch*

## **MEDIA EDUCATION, PARTICIPATION AND WELL-BEING**

*Chair: Marjaana Kangas*

13:15–13:30 *Pilot study about enhancing university student's psychosocial wellbeing through YouTube videos: Autonomous Sensory Meridian Response (ASMR) in Finland*  
Ko Wai Chan

13:30–13:45 *Digital youth work in Flanders: The focus, intensity and experience*  
Lotte Vermeire, Ilse Mariën, Wendy Van den Broeck & Nanouk Verhulst

13:45–14:00 *Going Digital – The opportunity to reimagine power dynamics within education research: promoting participation and social change*  
Mhairi Beaton, Tuija Turunen, Anne Burke, Pigga Keskitalo, Hanna Helander, Paula Ayliffe, Kyrstie Stubbs, Henna Aikio, Satu Pieski, Sirkka Sanila, Angela Rose, Erin Power, Jessica Williams & Jennifer Skanes (ONLINE)

14:00–14:15 *Developing technology enhanced Saami pedagogy*  
Satu-Maarit Korte & Pigga Keskitalo (ONLINE)



- 14:15–14:30 *Toward well-being: A systematic review of university students' study-related burnout in digital learning environments*  
Katri Koivuneva & Heli Ruokamo
- 14:30–14:45 Discussion
- 14:45–15:00 Closing the conference  
Greetings from [Seminar.net](https://www.seminar.net)  
**Yngve Troye Nordkvelle**, professor, Inland Norway University of Applied Sciences