21st World conference on mobile, blended and seamless learning

Smart mobile learning for education, lifelong learning and continuous professional development
mLearn 2022
Open Universiteit
EADTU
IamLearn association
Topic Mobile and Seamless Learning Design

21st World conference
on mobile, blended and
seamless learning

A warm welcome to mLearn2022!

mLearn2022 conference theme:
Smart mobile learning for education,
lifelong learning and continuous professional development

Keynotes

Program overview mLearn2022

Day 1
Learners’ agency and the promise of smart mobile and seamless learning

Day 2
Learning design for mobile, blended and seamless learning experiences

Day 3
Perspectives on Mobile Assisted Language Learning (MALL)

ExploreZone demo’s

Conference dinner and social event (Monday evening)

Self-Guided Mobile Tour of Maastricht (Tuesday evening)

Conference location

Route description

Map of campus (buildings)

mLearn2022 organization
A warm welcome to mLearn2022!

The board of the Faculty of Educational Sciences of the Open University cordially welcomes you to the mLearn Conference 2022, here in Heerlen, the Netherlands. The organization has set up an inspiring and challenging program, with many topics covered, all centered around “Smart mobile learning for education, lifelong learning and continuous professional development”. In the research program of the Faculty of Educational Sciences, research on Lifelong Learning and Technology-Enhanced Learning and Innovation (TELI) are important themes. This conference offers the opportunity to exchange knowledge and developments regarding these themes, with special attention to mobile and seamless learning, and to take the next step for further explorations in this area. The conference offers the opportunity to make new contacts and develop new ideas. We wish you much inspiration and a lot of fun!

Desirée Joosten-ten Brinke, Dean of the Faculty of Educational Sciences of the Open University and
Ellen Rusman, Conference chair mLearn2022 and Topic lead ‘Mobile and Seamless learning design (MSLD) within the TELI program

On behalf of EADTU, as co-organizer of mLearn 2022, we also want to warmly welcome you to this conference at the OUNL. An excellent location to explore together innovations in higher education under the scope of ‘Smart mobile learning for education, lifelong learning and continuous professional development’.

We as EADTU, being the representative association for innovating higher education by online, open and flexible education in Europe, believe this event is an excellent opportunity for you to meet fellow experts in the field. The conference theme is touching upon several priority action lines that also EADTU represents. Your contributions by paper submissions, panels and demos, during the foreseen interactive sessions, will be valuable for all participants and contribute to the success of this event.

We welcome you for an interesting and especially inspiring event that could be the start of many new and innovative initiatives in higher education.

George Ubachs (Managing Director EADTU) and
Alessandra Antonaci (Programme Manager EADTU)
Personal mobile devices have incorporated most of our daily private and professional lives and intertwine with our activities and habits. We often carry them around wherever we go, and their functionality afford a wide range of activities, such as communicating with others, telling our stories, playing, collecting and sharing data and things that we love (e.g. music, photo’s), accessing information, navigating unknown places and contributing to a better world by e.g. crowdsourcing or measuring light pollution. Due to their portability, they are ‘at hand’ and often part of the environments we move through, while fulfilling different social roles and associated activities. Thus, they have both altered our environment as well as our possibilities to shape, interact with and contribute to these environments ourselves.

However, looking at the learning design opportunities they offer for altering, connecting and strengthening formal, non-formal and informal learning processes in and ‘over’ private, professional and educational environments, their full potential is not yet exploited. Often, they have been thought of mainly as ‘delivery’ tools, offering for example college schedules or micro-modules on the spot. However, their affordances to support active, contextualised and meaningful ‘in-situ’ as well as ‘cross-over’ learning between contexts are less exploited and wide-scale practical implementation in society is obviously still ‘a bridge to far’.

In this mLearn2022 conference we explore and discuss how personal mobile devices and their affordances currently do and potentially could affect personal (formal, non-formal and informal) learning processes in and across contexts and what these alternate perspectives mean for the learning design field.

More info on mLearn2022 on:
www.iamlearn.org/mlearn/
In this talk I will summarize research results leading to practical implications in the achievement of efficient and effective collaborative learning, both from the perspective of learners and teachers. In particular, I will focus on how technology can support the design and orchestration of mobile collaborative learning scenarios. The technology presented will include authoring tools, teaching community platforms, enactment systems, orchestration dashboards and data-driven intervention based on learning analytics. I will also discuss synergies between technological solutions emphasizing human-in-control and machine-in-control perspectives. During the talk, participants will be able to experience some notions covered by interacting using the PyramidApp tool.

Efficient and effective mobile collaborative learning

Full Professor at the Universitat Pompeu Fabra (UPF), Dept. of Information and Communication Technologies and Head of TIDE (Interactive and Distributed Technologies for Education research group). Her research spans fields such as learning design technology, computer-supported collaborative learning (CSCL), mobile learning, community platforms, learning analytics, and architectures and devices for learning. Currently, she is looking into the interplay of learning design with data analytics, with an emphasis in the domain of CSCL.

Prof. Davinia Hernández-Leo

Associate Professor at the Department of Education, Mid Sweden University, Sundsvall, Sweden. Founder and leader of the research group Higher Education and E-Learning (HEEL), consisting of scholars from Athabasca University, Mid Sweden University, and Umeå University and focusing on lifelong, networked, mobile, and collaborative aspects of learning in higher education settings.

Higher education’s role in lifelong learning and professional development

My take on the conference’s central theme, ‘Smart mobile learning for education, lifelong learning, and continuous professional development,’ focuses mainly on aspects of higher education’s role in lifelong learning and professional development. Nevertheless, mobile, blended, and seamless aspects of learning are integrated into the line of thoughts I will discuss. Since the introduction of smart digital technologies in the early 2000s, conditions for participating in education have changed regarding the relationship between place and time. Communication that earlier was linked to time and stationary digital technologies became more flexible and loosely related to digital technologies and places. Moreover, intersections between places, time, and digital technologies have grown dramatically during these years. This means we now can communicate and share information in many more ways. Paradoxically, this development diminishes the role of digital technologies – use whatever digital device and application you want – and leads to an emphasis on data and information. To understand the consequences for education and learning, I think we need to set a holistic worldview at the centre. Such a worldview supports the breakdown of boundaries between formal and informal aspects of learning by creating new blended and seamless conditions for participation in education.

I will discuss current work from development projects at Mid Sweden University, where we explore new educational models for digitally enhanced and enabled lifelong learning and professional development. In these projects, we collaborate with organisations in the surrounding society, including industry and the public sector. Three main principles in the design of professional development courses will be discussed: bring-your-own-data, bring-your-own-device, and dialogue.

Assoc. Prof. Jimmy Jaldemark

Additional info on: www.iamlearn.org/mlearn/keynote-speakers/

Additional info on: www.iamlearn.org/mlearn/keynote-speakers/

Efficient and effective mobile collaborative learning
Keynotes

Additional info on:
www.iamlearn.org/mlearn/keynote-speakers/

Prof. Agnes Kukulska-Hulme

Full Professor at the Institute of Educational Technology, The Open University, UK. She leads IET’s Future Learning Research and Innovation Programme and the Innovating Pedagogy annual reports. Her work encompasses online distance education, mobile learning, language learning, and education for migrants and refugees.

Language mobilities in our mobile visions for the future

The field of mobile learning has evolved rapidly over the past quarter century and is increasingly shaped by everyday learning practices beyond the classroom. In mobile assisted language learning (MALL), individuals may seek out digital resources, online contacts and collaborations, as well as cultural and linguistic experiences according to their interests and needs, thus extending or even replacing classroom learning. Artificial agents and extended reality are adding to the vast repertoire of resources, though not all learners have equal access to it. Insights into how languages are learnt and used in formal and informal digital education, and how they are changing, provide a valuable perspective on ‘language mobilities’, to inform our mobile visions and designs for the future.

In this talk I will argue that we need to expand our visions, in a world where languages are on the move and increasingly mediate participation in digital education, and I will illustrate how expanded visions may inform mobile learning designs. My perspective is informed by the MALL research I have led over many years, but also by my experience in distance education and a decade of visioning work around pedagogical trends and innovations in education more broadly. Our projects at The Open University, UK, are exploring the learning experiences of disadvantaged and marginalized learners and those in low-resource settings, to understand the role of mobile technologies and languages in education. One question we should all be asking is whether, collectively, we might strive for more equitable mobile learning futures. Mobile learning is now so diverse that it will not have one single future, but we might agree that many more people could benefit from it.

Conference participation formats

Hybrid
Either “live” or online presentations with mixed face-to-face and online attendance and interaction via video, audio, polling and chat, facilitated through MS-Teams and MTR-sets

‘Live’ (off-line)
attendance only possible for ‘live’ (f2f and on location) conference participants

— Day 1

Learners’ agency and the promise of smart mobile and seamless learning

Coffee & registrations from 9.00 am
Start conference – 9.30 am
<table>
<thead>
<tr>
<th>time</th>
<th>what</th>
<th>who</th>
<th>where</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.30 -10.00 am</td>
<td>Plenary session (hybrid)</td>
<td>Opening by the Dean of the Faculty of Educational Sciences Prof. dr. Desirée Joosten-ten Brinke (live)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Opening IamLearn Association President dr. Kathryn MacCallum (video)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Introduction Conference chair dr. Ellen Rusman (live)</td>
<td></td>
</tr>
<tr>
<td>10.00 -11.00 am</td>
<td>Keynote (hybrid)</td>
<td>Prof. dr. Davinia Hernandez-Leo (live)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“Efficient and effective mobile collaborative learning”</td>
<td></td>
</tr>
<tr>
<td>11.00 – 11.30 am</td>
<td>(live) Coffee break</td>
<td></td>
<td>Pretoria ground floor</td>
</tr>
<tr>
<td>PAPER SESSION 1 — 11.30 am -13.30 pm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.30 – 12.00 am</td>
<td>Full paper (hybrid)</td>
<td>Martine Baars and Olga Viberg (online presenters) Mobile learning to support self-regulated Learning</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>12.00 – 12.15 pm</td>
<td>Short paper (hybrid)</td>
<td>Luis Henrique Lindner and Araci Hack Catapan (online presenters) Lifelong learning through self-directed mobile learning: a theoretical framework</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>12.15 pm -12.45 pm</td>
<td>Full paper (hybrid)</td>
<td>Qiwei Men, Belinda Gimbert and Dean Cristol (live presenters) The effect of self-regulated learning in online professional training</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>12.45 -13.30 pm</td>
<td>Roundtable/ Panel (hybrid)</td>
<td>Nienke Reessink, Emmy Vriezing-Teunter, Rosanne Hebing and Bram Oonk (live presenters) Designing digital nudges for self-regulation in a blended curriculum</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>13.30 - 14.30 pm</td>
<td>Lunch break &amp; Explore Zone activities</td>
<td></td>
<td>Pretoria ground floor</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.15 - 15.30 pm</td>
<td>Explore Zone activities &amp; coffee/water</td>
<td>Come explore and play (live) with: FROCOLE - Feedback and Reflect-on in Online Collaborative Learning - Maartje Henderikx and Karel Kreijns (OU)</td>
<td>Pretoria ground floor and study centre</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pe(e)fectly Skilled- Online training of complex skills in HE Rob Nadolski and Ellen Rusman (OU)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crossing Dimensions: Exploring the Utility of 3D, AR and VR for Seamless Learning - Hugo Huurdeman (OU)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Virtual Reality in Numeracy and Mathematics Education: Nardie Fanchamps (OU)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gamebrics: Integrating Rubrics into Serious Games to Teach Analytical Thinking Skills - Hans Hummel/ Rob Nadolski/Hugo Huurdeman/ Giel van Lankveld (OU)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-design your own Learning Analytics supported Learning Activity with FoLA2 - Marcel Schmitz (Hogeschool Zuyd)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Multidisciplinary educational design game Mirjam Selhorst (Hogeschool Windesheim)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>For more information on the Explore Zone activities see page 22</td>
<td></td>
</tr>
<tr>
<td>PAPER SESSION 2 — 15.30 -17.15 pm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.30 – 15.45 pm</td>
<td>Short paper (hybrid)</td>
<td>Ioana Andreea Stefan, Ancuta Florentina Gheorghie, Antoniu Stefan, Andriani Piki, Hariklia Tsalapatas and Olivier Heidmann (online presenters)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The promise of mobile learning: how has it appeared during the pandemic move to remote or location-based learning?</td>
<td></td>
</tr>
<tr>
<td>15.45 – 16.15 pm</td>
<td>Full paper (hybrid)</td>
<td></td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Constructing seamless learning through game-based learning experiences</td>
<td></td>
</tr>
<tr>
<td>time</td>
<td>what</td>
<td>who</td>
<td>where</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>16.15-16.45 pm</td>
<td>Full paper (hybrid)</td>
<td>Daniel Biedermann, Patrick Schwarz, Jane Yau, Hendrik Drachsler</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(online presenters) Effect of social support features via buddies in app-based habit building</td>
<td></td>
</tr>
<tr>
<td>16.45-17.15 pm</td>
<td>Full paper (hybrid)</td>
<td>David Parsons and Kathryn Mac-Callum (online presenters)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Investigating the classroom environment and impacts on well-being with physical computing</td>
<td></td>
</tr>
<tr>
<td>17.15 – 17.30 pm</td>
<td>(hybrid)</td>
<td>PLENARY– RE-CAP &amp; PRACTICAL issues</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>17.30-18.00 pm</td>
<td>(live)</td>
<td>Drinks and networking</td>
<td>Pretoria ground floor</td>
</tr>
<tr>
<td>18.00 pm</td>
<td>(live)</td>
<td>Start joint walk to Hoeve de Aar</td>
<td></td>
</tr>
<tr>
<td>Start</td>
<td>(live)</td>
<td>Dinner and social event in Hoeve de Aar. Walking together (start 18.00 pm) from the campus (Pretoria, reception) or on your own</td>
<td>Welterlaan 45, 6419 CN Heerlen</td>
</tr>
<tr>
<td>18.30 pm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
— Day 2

Learning design for mobile, blended and seamless learning experiences

Coffee from 8.30 am
Start conference – 9.00 am
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenters</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.30 – 14.30 pm</td>
<td>(live) Lunch break</td>
<td>Pretoria ground floor</td>
<td></td>
</tr>
<tr>
<td>14.30 – 15.00 pm</td>
<td>Full paper (hybrid) Mirjam Selhorst and Ellen Rusman (live presenters) Multidisciplinary educational design framework: facilitating cross-boundary educational design to close gaps between disciplines?</td>
<td>Pretoria room 3&amp;4</td>
<td></td>
</tr>
<tr>
<td>15.00 – 15.30 pm</td>
<td>Full paper (hybrid) Dimitris Markouzis, Aikaterini Baziakou, Georgios Fesakis and Angelique Dimitracopoulou (live presenters) A systematic review on augmented reality applications in informal learning environments</td>
<td>Pretoria room 3&amp;4</td>
<td></td>
</tr>
<tr>
<td>15.30 – 16.00 pm</td>
<td>Full paper (hybrid) Ali Gohar Qazi and Fredrick Mtenzi (online presenters) A conceptual framework for designing a mobile-supported professional development programme for primary mathematics teachers</td>
<td>Pretoria room 3&amp;4</td>
<td></td>
</tr>
<tr>
<td>15.30 – 16.30 pm</td>
<td>Full paper (hybrid) un Xiao and Zhujun Jiang (online presenters) An m-learning model in the context of blended synchronous learning environment</td>
<td>Pretoria room 3&amp;4</td>
<td></td>
</tr>
<tr>
<td>16.30 – 16.45 pm</td>
<td>(Live with streaming) RE-CAP &amp; PRACTICAL issues (live)</td>
<td>Pretoria room 3&amp;4</td>
<td></td>
</tr>
<tr>
<td>Evening</td>
<td>(live) “Do it yourself” Self-Guided Mobile Trip To Maastricht (voluntary, however registration with mLearn2022 conference organization for instructions and account needed). Length: 2.5 to 3 hours</td>
<td>Maastricht, Graanmarkt</td>
<td></td>
</tr>
</tbody>
</table>

— Day 3

**Perspectives on Mobile Assisted Language Learning (MALL)**

Coffee from 9.00 am
Start conference – 9.30 am
<table>
<thead>
<tr>
<th>time</th>
<th>what</th>
<th>who</th>
<th>where</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.30 -10.00 am</td>
<td>Full paper (hybrid)</td>
<td>Olga Viberg, Agnes Kukulska-Hulme and Ward Peeters (online presenters)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Affective support for self-regulation in mobile assisted language learning</td>
<td></td>
</tr>
<tr>
<td>10.00 – 10.30 am</td>
<td>Full paper (hybrid)</td>
<td>Martina Manna (online presenters)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Teacher perceptions on implementing mobile augmented reality for the teaching of Italian as a foreign language. A pilot study</td>
<td></td>
</tr>
<tr>
<td>10.30 -11.00 am</td>
<td>Full paper (hybrid)</td>
<td>Cecilia Vallorani, Isabel Gibert and Christopher Tuffnell (online presenters)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Levelling up language learning: A study on the impact of gamification</td>
<td></td>
</tr>
<tr>
<td>11.00 -11.15 am</td>
<td>Poster (hybrid)</td>
<td>Yuzhi Lai (online presenter)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Examining the factors affecting learning engagement in self-directed language learning using mobile technology in higher education</td>
<td></td>
</tr>
<tr>
<td>11.15 – 11.30 am</td>
<td>Short paper (hybrid)</td>
<td>Mar Gutiérrez-Colón (live presenter)</td>
<td>Pretoria ground floor</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Impact of gamified application in reading comprehension and attitude of Swahili among young Kenyan learners</td>
<td></td>
</tr>
<tr>
<td>11.30 – 12.00 am</td>
<td>(live)</td>
<td>Coffee break with pastry</td>
<td>Pretoria ground floor</td>
</tr>
<tr>
<td>12.00 am - 13.00 pm</td>
<td>Keynote (hybrid)</td>
<td>KEYNOTE Prof.dr. Agnes Kukulska-Hulme (online)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“Language mobilities in our mobile visions for the future”</td>
<td></td>
</tr>
<tr>
<td>13.00 pm-13.15 pm</td>
<td>(hybrid)</td>
<td>Helga Hambrock and info on Global Research Project on Mobile and Seamless learning (video)</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>13.15 -13.30 pm</td>
<td>(hybrid)</td>
<td>Conference closing session</td>
<td>Pretoria room 3&amp;4</td>
</tr>
<tr>
<td>13.30 – 14.30 pm</td>
<td>(live)</td>
<td>Lunch and farewell</td>
<td>Pretoria ground floor</td>
</tr>
</tbody>
</table>

mLearn22: Explore Zone — Maartje Hendrix and Karel Kreijns (Open Universiteit) — Rob Nadolski and Ellen Rusman (Open Universiteit) — Hugo Huurdeman (Open Universiteit) — Nardie Fanchamps (Open Universiteit) — Hans Hummel/Hugo Huurdeman/Giel van Lankveld (Open Universiteit) — Marcel Schmitz (Hogeschool Zuyd) — Mirjam Selhorst (Hogeschool Windesheim)
ExploreZone demo’s

FROCOLE - Feedback and Reflection in Online Collaborative Learning — Maartje Henderikx and Karel Kreijns (Open Universiteit)

Social interaction with fellow students and teachers is an important prerequisite for computer-aided collaborative learning. In the project Feedback and Reflection in Online Collaborative Learning (FROCOLE), the Open University developed a mobile app that improves social interaction based on feedback and reflection.

Pe(e)rfctly Skilled/Pe(e)rfct Vaardig- Online training of complex skills in HE — Rob Nadolski and Ellen Rusman (Open Universiteit)

Pe(e)rfctly Skilled (Pe(e)rfct Vaardig): experience an interactive, practice-oriented and online method for students in Higher education to train complex skills, give and receive peer feedback and reflect goal-oriented on one’s own performance.

Crossing Dimensions: Exploring the Utility of 3D, AR and VR for Seamless Learning — Hugo Huurdeman (Open Universiteit)

Current mobile devices allow for creating digital 3D representations of physical objects, that can be easily shared and annotated, as well as experienced via Augmented and Virtual Reality. This hands-on demo explores the opportunities this may bring for seamless learning.

Virtual Reality in Numeracy and Mathematics Education — Nardie Fanchamps (Open Universiteit)

Simulated learning environments of realistic and concrete situations can offer possible solutions to mimic reality situations in the classroom. By using virtual reality (VR) in numeracy and mathematics education it becomes possible to create meaningful and interactive learning caused by an immersive learning experience. In this workshop, we aim to provide participants with an experience for using VR environments as a full-fledged application for being able to learn and understand specific concepts underlying numeracy and mathematics.

Gamebrics: Integrating Rubrics into Serious Games to Teach Analytical Thinking Skills — Hans Hummel/Hugo Huurdeman/Giel van Lankveld (Open Universiteit)

Within the Gamebrics project, a novel approach of integrating rubrics into the gameplay of serious games is designed, developed and evaluated. This demo shows how this may help to foster analytical thinking skills in higher education.

Co-design your own Learning Analytics supported Learning Activity with FoLA2 — Marcel Schmitz (Hogeschool Zuyd)

FoLA2 is a method that bridges the gap between learning analytics (LA) and learning design. It offers the opportunity to co-design learning activities including technology enhancements and learning analytics. We demo several possibilities of our method: Fellowship of Learning Activities (FoLA2).

Multidisciplinary educational design game — Mirjam Selhorst (Hogeschool Windesheim)

Familiarize yourself with this game, that supports higher educational teachers from different expertise domains with designing multidisciplinary education by guiding them through the design process. Interaction and dialogue between teachers is facilitated with cards aligned with each step in the educational design process.
mLearn 2022 — 21st World conference on mobile, blended and seamless learning
Conference dinner and social event  
(Monday evening)

Start event: 18.30 pm – Hoeve de Aar, Welterlaan 45, 6419 CN Heerlen  
18.00 pm: Walking together from OU-campus (reception of Pretoria building) to Hoeve de Aar.

Conference dinner and social event are included in the conference registration fee. A max. number of drinks is arranged by vouchers. Additional drinks are at own costs.

Self-Guided Mobile Tour of Maastricht  
(Tuesday evening)

This is an optional, ‘do-it-yourself’ social event. The Maastricht City Trail leads you along the nicest spots in Maastricht, while you play fun riddles and assignments on your smartphone. Try to set a high score and explore the city. The Trail is available 24/7 and there is no time limit - you can start, pause and stop whenever it suits you! It takes between 2 to 2.5 hours.

More info on:  
Self-Guided Tour of Maastricht with Interactive City Game 2022  
(viator.com)

If you are interested, please form a group (6 persons) and ask the conference organisation for an account and additional instructions. You need to go to Maastricht yourself, e.g. by public transport.

More info on transport via:  
https://9292.nl/en
Central visiting address
Open University of the Netherlands
Valkenburgerweg 177
6419 AT Heerlen
T +31 45 576 22 22 (reception)
www.ou.nl

By train or bus
From the bus station various bus lines leave several times every hour. Take the busstop Hogeschool Zuyd at the road Nieuw Eyckholt. From here it's a five minutes walk to the Open University of the Netherlands (Open Universiteit).

Plan your bus journey via
http://9292.nl/en

Plan your train journey via
http://www.ns.nl/en/travellers/home

Taxis are available at the trainstation.
From the station it’s a 30 min. walk to the Open Universiteit.

By car

Coming from the north (Eindhoven):
Via A76/A79, keep to the right at junction Kerensheide, follow the signs E314/A76 direction Heerlen/Aachen. Continue straight on at junction Ten Esschen direction Keulen/Aken/Kerkrade (do not turn right direction Heerlen N281). Turn right at junction Kunderberg to A79 direction Voerendaal/Valkenburg/Maastricht. Take on A79 exit 6 direction Voerendaal. Turn right at the end of the exit. Turn right at the roundabout (first exit). After appr. 1 km the Open Universiteit is on your right.

Coming from the west (Maastricht):
Via A2/A79, follow the signs A2/E25 in the direction Eindhoven. Turn right after appr. 1,5 km to A79 direction Heerlen. Keep to the right on A79 direction Heerlen. Take the exit at junction Kunderberg to A76 direction Heerlen-Centrum. Keep to the left lane and take exit 7 direction Heerlen-Centrum. Turn left at the end of the exit direction Centrum/Brumsum (John F. Kennedylaan). Turn left at the roundabout (second exit) direction Voerendaal (Valkenburgweg). After appr. 200 mtrs the Open Universiteit is on your left.

N.B. From Maastricht-Aachen airport the travelling time is appr. 20 minutes.

Coming from the south (Aachen):
Via A4/A79, follow the signs A76/E314 Heerlen. Take the exit at junction Kunderberg to A79 direction Maastricht/Valkenburg/Voerendaal. Take on A79 exit 6 direction Voerendaal. Turn right at the end of the exit. Turn right at the roundabout (first exit). After appr. 1 km the Open Universiteit is on your right.
mLearn2022 organization

Organizing committee
Conference chairs
Dr. Ellen Rusman and Dr. Roland Klemke (OU)
Drs. George Ubachs (EADTU)

Local conference organization committee
Dr. Alessandra Antonaci
Dr. Olga Firsova
Dr. Maartje Henderikx
Dr. Emmy Vrieling
Ms. Marina Pongraz

Programme committee members
Dr. David Parsons, The Mind Lab, New Zealand
Dr. Dean Cristol, Ohio State University, USA
Dr. Ellen Rusman, Open University of the Netherlands, Netherlands
Dr. Herman Van der Merwe, North-West University
Dr. Inmaculada Arnedillo-Sánchez, Trinity College, Dublin
Dr. Kathryn MacCallum, Canterbury University, New Zealand
Dr. Marguerite Koole, University of Saskatchewan

International review panel
David Parsons, The Mind Lab New Zealand
Inmaculada Arnedillo-Sánchez, University of Dublin
Daner Sun, The Education University of Hong Kong
Mohamed Ally, Athabasca University
Ellen Rusman, Open University of the Netherlands
Kathryn MacCallum, Canterbury University
Jimmy Jaldemar, Mid Sweden University
Martin Llamas-Nistal, Universidad de Vigo
Mike Sharples, Open University UK
Yinjuan Shao, HNU
Helga Hambrock, Concordia University Chicago
Hans Pöldoja, Tallinn University
Kadri Mettis, Tallinn University
Matt Smith, University of Wolverhampton
Marguerite Koole, University of Saskatchewan
Peter Ilic, University of Aizu
Birgy Lorenz, Tallinn University
Dean Cristol, The Ohio State University
Agnes Kukulsk-Hulme, Open University UK
Peter Seow, National Institute of Education
Janika Leoste, Tallinn University
Rob Power, International Association for Mobile Learning
Linda van Ryneveld, University of Pretoria
Dan Kohen-Vacs, HIT
Tim Gander, MindLab
Takahiro Yonekawa, Brain Signal, Inc.
Jill Attewell, Teaching and Learning Professional Associates (Talpa)
Herman Van der Merwe, North-West University
Manuel Caeiro Rodriguez, Universidad de Vigo
Merja Bauters, Tallinn University
Thank you for joining mLearn 2022!

Hope to see you next year, at mLearn 2023!