Conference Location (workshops and presentations):
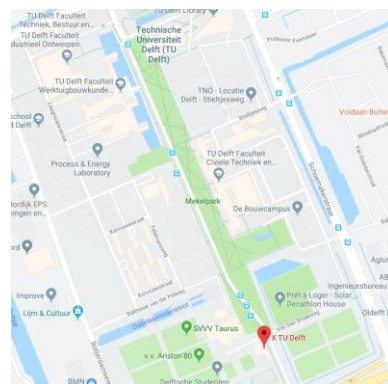X TU Delft
Mekelweg 8
2628 CD Delft

Website:
https://www.tudelft.nl/en/x/about-x/contact/

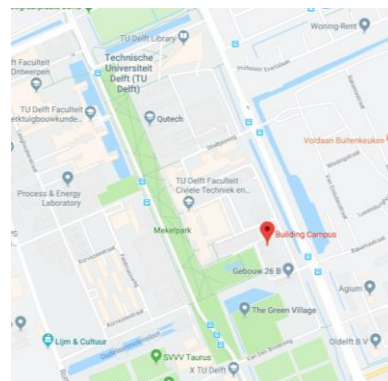Floor plan:
https://www.tudelft.nl/en/x/about-x/map/

We will mainly use the rooms on the 1ˢᵗ and 2ⁿᵈ floor.

Reception Location (poster and demo session):
Bouwcampus
Van der Burghweg 1
2628 CS Delft

Website:
https://www.debouwcampus.nl/contact

Dinner Location (at the beach):
Beachclub Breez
Verlengde Strandweg 1
2691 KE 's-Gravenzande

Website:
https://beachclub-breez.nl

Please note that the dinner location is not in Delft.
We have arranged buses to take you to the location and back.
The buses will leave X TU Delft at 17:00.
Please be on time!
After dinner, there will be buses back to Delft.

MONDAY (morning) – September 16					
08:30	REGISTRATION				
09:00	**Doctoral Consortium** (Teaching Lab)	**crossMMLA** (Dance Studio B) Collecting, annotating and analyzing multimodal data across spaces	**HLS:D3** (Dance Studio A) Hybrid Learning Spaces – Design, Data, Didactics	**The Fellowship of Learning** (Painting Studio)	**DEITM** (Photo Studio) Designing and evaluating innovative and transformational mobile learning tasks
10:30	COFFEE				
10:45	**Doctoral Consortium** (Teaching Lab)	**crossMMLA** (Dance Studio B)	**HLS:D3** (Teaching Lab)	**The Fellowship of Learning** (Painting Studio)	**DEITM** (Photo Studio)
12:45	LUNCH				

MONDAY (afternoon) – September 16					
13:45	**Doctoral Consortium** (Teaching Lab)	**crossMMLA** (Dance Studio B)	**HLS:D3** (Dance Studio A)	**GALE** (Painting Studio) Gaming elements and educational data analysis in the learning design of the flipped classroom	**Predict with LD** (Photo Studio) Generating Actionable Predictions on Student Success: The role of Learning Design
15:15	COFFEE				
15:45	**Doctoral Consortium** (Teaching Lab)	**crossMMLA** (Dance Studio B)	**HLS:D3** (Teaching Lab)	**GALE** (Painting Studio)	**Predict with LD** (Photo Studio)

TUESDAY (morning) – September 17			
08:30	REGISTRATION		
09:00	**EAIWC** (Dance Studio A) The Ethics of Artificial Intelligence to Enhance Learning: Who Cares?	**CILA** (Photo Studio) Culturally Inclusive Learning Analytics	**EDUChat** (Dance Studio B) Chatbots and Digital Assistants in Education
10:30	COFFEE		
10:45	**EAIWC** (Dance Studio A)	**CILA** (Photo studio)	**EDUChat** (Dance Studio B)
12:45	LUNCH		

TUESDAY (afternoon) – September 17				
13:45	**TEL4SSC (mLearn workshop)** (Painting Studio) 1st International Workshop on TEL for Safety in Smart Cities	**TACKLE** (Dance Studio A) sysTems of Assessments for Computational ThinKing Learning	**GEILA** (Dance Studio B) Generating Explainable and Actionable Insights for Learning Analytics	**FCOT** (Photo Studio) Flipped Classroom Design Via Open Tools
15:15	COFFEE			
15:45	**TEL4SSC** (Painting Studio)	**TACKLE** (Dance Studio A)	**GEILA** (Dance Studio B)	**FCOT** (Photo Studio)
17:15	WALK TO RECEPTION LOCATION (BOUWCAMPUS)			
17:30	OPENING RECEPTION with POSTER & DEMO SESSION			

Please note that the information provided here might be subject to change should the need arise.

WEDNESDAY (morning) – September 18

08:30	REGISTRATION
08:45	WELCOME & OPENING OF CONFERENCE DAY 1 (Theatre Hall)
09:00	KEYNOTE — Geoff Stead (Theatre Hall)
10:00	COFFEE with the opportunity to meet and talk to journal editors

10:30

Session 1A: gamification (Dance Studio A)	Session 1B: language learning and feedback (Painting studio)	Session 1C: writing analytics (Photo Studio)	Session 1D: digital skills and competences (Dance Studio B)
Gamification of MOOCs adopting Social Presence and Sense of Community to increase user's engagement. An Experimental Study – Alessandra Antonaci, Roland Klemke, Johan Lataster, Karel Kreijns and Marcus Specht

Adaptive gamification in education : A literature review of current trends and developments – Stuart Hallifax, Audrey Serna, Jean-Charles Marty and Élise Lavoué

Automatic Detection of Peer Interactions in Multi-Player Learning Games – Mathieu Guinebert, Amel Yessad, Mathieu Muratet and Vanda Luengo | A supervised learning model for the automatic assessment of language levels based on learner errors – Nicolas Ballier, Thomas Gaillat, Andrew Simpkin, Bernardo Stearns, Manon Bouyé and Manel Zarrouk

Mature ELLs' Perceptions towards Automated and Peer Writing Feedback – Amna Liaqat, Gokce Akcayir, Carrie Demmans Epp and Cosmin Munteanu

Fostering learners' performance with on-demand metacognitive feedback – Zacharoula Papamitsiou, Anastasios A. Economides and Michail Giannakos ⭐ | Systematic Literature Review of Automated Writing Evaluation as a Formative Learning Tool – Ana Hibert

Identifying critical features for formative essay feedback with artificial neural networks and backward elimination – Mohsin Abbas, Peter van Rosmalen and Marco Kalz ⭐

Identifying factors for master thesis completion and non-completion through learning analytics and machine learning – Jalal Nouri, Ken Larsson and Mohammed Saqr | Facilitating students' digital competence: Did they do it? – Margarida Lucas

Patterns and Loops: Early Computational Thinking – Marielle Leonard, Yvan Peter and Yann Secq |

12:00	LUNCH

WEDNESDAY (afternoon) – September 18

13:00

Session 2A: learning design 1 (Dance Studio A)	Session 2B: achievements in MOOCs (Dance Studio B)	Session 2C: learning strategies (Photo Studio)
Evaluating teachers' perceptions of Learning Design Recommender Systems – Soultana Karga and Maya Satratzemi

Prac: Evaluating the Adoption of an Analytics Tool To Support Continuous Curriculum Improvement – Isabel Hilliger, Constanza Miranda, Sergio Celis, Mare Perez-Sanagustin

Teaching Assistants in MOOCs forums: Omnipresent Interlocutors or Knowledge Facilitators – Anastasios Ntourmas, Nikolaos Avouris, Sophia Daskalaki and Yannis Dimitriadis ⭐ | Enjoyed or Bored? A Study into Achievement Emotions and the Association with Barriers to Learning in MOOCs – Maartje Henderikx, Ansje Lohr and Marco Kalz ⭐

Identifying Learning Activity Sequences that are Associated with High Intention-Fulfillment in MOOCs – Eyal Rabin, Vered Silber-Varod, Yoram M. Kalman and Marco Kalz

Prac: Students' adoption and learning outcomes in a MOOC-based flipped course – Josefina Hernandez, Julio Pertuze, Isabel Hilliger, Mar Perez-Sanagustin | How Students Fail to Self-regulate their Online Learning Experience – Maxime Pedrotti and Nicolae Nistor

Discovering Time Management Strategies in Learning Processes Using Process Mining Techniques – Nora'Ayu Ahmad Uzir, Dragan Gašević, Jelena Jovanovic, Wannisa Matcha, Abelardo Pardo, Lisa Lim and Sheridan Gentili ⭐

Detection of Learning Strategies: A comparison of Process, Sequence and Network Analytic Approaches – Wannisa Matcha, Dragan Gašević, Nora'Ayu Ahmad Uzir, Jelena Jovanovic, Abelardo Pardo, Jorge Maldonado-Mahauad and Mar Perez-Sanagustin |

14:30	COFFEE

15:00

Session 3A: learning design 2 (Dance Studio A)	Session 3B: user modelling (Dance Studio B)	Session 3C: search behaviour (Photo Studio)
Design and Operationalization of Connectivist Activities: an Approach through Business Process Management – Aicha Bakki, Lahcen Oubahssi and Sébastien George

Concept-level design analytics for blended courses – Laia Albó, Jordan Barria-Pineda, Peter Brusilovsky and Davinia Hernández-Leo

Prac: Co-Creation of Learning Designs: Analyzing Knowledge Appropriation in Teacher Training Programs – Jannika Leoste, Kairit Tammets, Tobias Ley | Elo, I Love You Won't You Tell Me Your K – Michael Yudelson

Modelling learners' behaviour: a novel approach using GARCH with multimodal data – Kshitij Sharma, Zacharoula Papamitsiou and Michail Giannakos

Building A Learner Model for a Smartphone-Based Clinical Training Intervention in a Low-Income Context: A Pilot Study – Timothy Tuti, Chris Paton, Mike English and Niall Winters | "Mirror, mirror on my search...": Data-Driven Reflection and Experimentation with Search Behaviour – Angela Fessl, Aitor Apaolaza, Ann Gledson, Viktoria Pammer-Schindler and Markel Vigo

Design and deployment of a better course search tool: Inferring latent keywords from enrollment networks – Matthew Dong, Run Yu and Zachary Pardos

A Real-Life School Study of Confirmation Bias and Polarisation in Information Behaviour – Simone Kopeinik, Elisabeth Lex, Dominik Kowald, Dietrich Albert and Paul Seitlinger |

16:30 / 17:00	BUS LEAVES FOR DINNER
17:30	sports / borrel / activities at the beach
18:45 / 19:00	DINNER AT THE BEACH
22:00	BUS BACK TO DELFT

Please note that the information provided here might be subject to change should the need arise.

⭐ Nominated for Best Paper Award.

	THURSDAY (morning) – September 19		
08:30	REGISTRATION		
08:45	WELCOME & OPENING OF CONFERENCE DAY 2 (Theatre Hall)		
09:00 09:15 09:30 09:45	KEYNOTE Rose Luckin – Developing an AI mindset with EdTech entrepreneurs (Theatre Hall)		
10:00 10:15	COFFEE with the opportunity to meet and talk to journal editors		
10:30	**Session 4A: deep learning & prediction** (Theatre hall) Automatic Generation of Coherent Learning Pathways for Open Educational Resources – Chaitali Diwan, Srinath Srinivasa and Prasad Ram Automatic Text Diffculty Estimation using Embeddings and Neural Networks – Anna Filighera, Tim Steuer and Christoph Rensing EmAP-ML: A Protocol of Emotions and Behaviors Annotation for Machine Learning Labels – Felipe de Morais, Tiago R. Kautzmann, Ig I. Bittencourt and Patricia A. Jaques	**Sessions 4B: virtual mobility & learning design** (Photo Studio) Prac: European Virtual Exchange (EVE): Student Mobility without Moving – Carlos Alario-Hoyos and Carlos Delgado Kloos Prac: Designing for Virtual Mobility: potentials and caveats – Olga Firssova, Cathrin Vogel, Francis Brouns, Noelle Diegel, Panu Forsman and Christian Stracke Challenging the Alignment of Learning Design Tools with HE Lecturers' Learning Design Practice – Dilek Celik and George Magoulas	**Session 4C: social learning & analytics** (Dance Studio B) Exploring Social Learning Analytics to Support Teaching and Learning Decisions in Online Learning Environments – Rogers Kaliisa, Anders Mørch and Anders Kluge A learning analytics study of the effect of group size on social dynamics and performance in online collaborative learning – Mohammed Saqr, Jalal Nouri and Ilkka Jormanainen Prac: Pedagogy-informed Design of Conversational Learning at Scale – Mike Sharples and Rebecca Ferguson
12:00 12:15 12:30 12:45 13:00 13:15	LUNCH & EATEL AGM		

	THURSDAY (afternoon) – September 19		
13:30	**Session 5A: learning behaviour in MOOCs and beyond** (Theatre Hall) Analyzing learners' behavior beyond the MOOC: An exploratory study – Mar Pérez-Sanagustín, Kshitij Sharma, Ronald Pérez-Álvarez, Jorge Maldonado-Mahauad and Julien Broisin Learners self-directing learning in FutureLearn MOOCs: a learner-centered study – Inge de Waard and Agnes Kukulska-Hulme Unsupervised Automatic Detection of Learners' Programming Behavior – Anis Bey, Mar Pérez-Sanagustín and Julien Broisin	**Session 5B: adaptive systems** (Photo Studio) The Diagnosing Behaviour of Intelligent Tutoring Systems – Renate van der Bent, Johan Jeuring and Bastiaan Heeren Characterising Comment Types and Levels of Engagement in Video-based Learning as a Basis for Adaptive Nudging – Yassin Taskin, Tobias Hecking, H. Ulrich Hoppe, Tanja Mitrovic and Vania Dimitrova Training Customer Complaint Management in a Virtual Role-Playing Game: A User Study – Julia Othlinghaus-Wulhorst, Anne Mainz and H. Ulrich Hoppe	**Session 5C: involving experts** (Dance Studio B) WEKIT.One: a sensor-based Augmented Reality system for experience capture and re-enactment – Bibeg Limbu, Alla Vovk, Halszka Jarodzka, Roland Klemke, Fridolin Wild and Marcus Specht On the Use of Gaze as a Measure for Performance in a Visual Exploration Task – Catharine Oertel, Alessia Coppi, Jennifer Olsen, Alberto Cattaneo and Pierre Dillenbourg Policy matters: Expert recommendations for learning analytics policy – Maren Scheffel, Yi-Shan Tsai, Dragan Gašević and Hendrik Drachsler
15:00 15:15	COFFEE		
15:30 15:45 16:00 16:15	KEYNOTE Danielle McNamara – Integrating Advanced Technologies to Enhance Learning (Theatre Hall)		
16:30 16:45	CONFERENCE CLOSING SESSION (Theatre Hall)		

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