

NWISEd 2025

Workshop Program

3rd Workshop on

Co-Creating New Ways of Information Systems Education

September 10th - 11th 2025, Faculty of Electrical Engineering and Computer Science, Maribor, Slovenia

<https://nwised.org>

Wednesday, 10th of September

8:00 Registration

9:00 – 9:15 Workshop opening

9:15 – 9:40 Keynote Session

Boštjan Vlaovič: **Micro-credentials in Higher Education: Challenges and Solutions for Lifelong Learning at the University of Maribor**

Session Chair: Stephan Schlögl

9:40 – 11:10 Session #1: **Student Feedback and Educational Support through Intelligent Tools**

Session Chair: Stephan Schlögl

- **Automatic Feedback on Logic Problems about Real Numbers and Integers**

Antti Valmari

- **EATing Smart: Student-Educator Reflections on Assessment Literacy**

Wendy Rowan, Katie O'Reilly, Stephanie Larkin, Evan Murphy and Ciara Fitzgerald

- **AI-Powered Quiz Generation for Learning Management Systems: A Full-Stack Implementation for Canvas LMS**

Faten Imad Ali, Tariq Emad Ali, Walid Aljamaal, Pavle Dakić and Alwahab Dhulfiqar Zoltan

- **mISLec4EDU: AI-enabled platform for asynchronous and personalized learning**

Grega Vrbančič, Lucija Brezočnik, Tadej Lahovnik, Zala Lahovnik and Vili Podgorelec

11:10 – 11:40 Break

11:40 – 13:10 Session #2: **Practice-Oriented Approaches in IT Courses**

Session Chair: Tina Beranič

- **Introduction to Software Engineering – Challenges and Responses in Course Composition**

Petar Rajkovic, Anđelija Đorđević and Dragan Jankovic

- **Simulating the Software Development Life Cycle in an Educational Setting: Insights from Individual and Collaborative Student Projects**

Luka Četina, Vasilka Saklamaeva and Luka Pavlič

- **Cyber Security Training 2.0 - from theoretical learning to practical experience**

Clemens Huber, Michael Kohlegger, Reinhard Bernsteiner and Christian Ploder

- **Review of student satisfaction on project planning and implementation steps**

Tomi Perša and Boštjan Šumak

Wednesday, 10th of September

13:10 – 14:20 Lunch

14:20 – 14:50 Keynote Session

Deepak Khazanchi: **Beyond Bias: Equipping the Next Generation to Navigate AI's Ethical Complexities**

Session Chair: Wendy Rowan

14:50 – 15:00 Short Break

15:00 – 16:10 Session #3: **Theory and Foundations in Software Engineering Education**

Session Chair: Luka Pavlič

- **How Important are Formal Methods and Formal Logic for Software Engineering Education?**

Antti Valmari and Veikko Halttunen

- **In Search of a Thematic Framework for Teaching Sustainable and Responsible Digitalization**

Veikko Halttunen and Stephan Schlögl

- **Digital literacy and engagement of Generation Z: links between motivation, information sciences and the digital work environment**

Janez Kolar, Ivana Brkljača and Etienne Šajn

16:30 Maribor Guided Tour

Welcome Reception

Thursday, 11th of September

11:00 – 12:00 Knowledge Café Session

Teaching and Knowledge Assessment in the Age of AI

12:00 – 12:15 Workshop closing

12:15 – 13:15 Lunch

15:00 Social Event

Dinner
