

Conference Agenda

Session Overview

Date: Tuesday, 24/Sept/2024

12:00pm	BT WS1: Bus Transfer from Tallink City Hotel Bus transfer from Tallink City Hotel to TalTech campus			
12:15pm	BT WS2: Bus Transfer for Workshops from Park Inn by Radisson Meriton Conference & Spa Hotel Tallinn Bus Transfer from Park Inn by Radisson Meriton Conference & Spa Hotel Tallinn to TalTech campus			
12:30pm - 4:30pm	Registration: Registration open			
1:00pm - 2:30pm	W 01: Workshop: Delivering an Entire Course Through Remote Experiments - An Exemplary Introductory Course on Electric and Electronic Circuits Location: U05-215 The aim of this workshop is to give participants insight into how to design an entire course on a specific engineering field using remote experiments and an enquiry-based teaching and learning approach as the two major instructional strategies. A practical example in the specific area of electric and electronic circuits supports the workshop, together with the newly launched VISIR handbook. VISIR...	W 03: Workshop: Hacking a Hackathon Location: Room U04-103 The "Hacking a Hackathon" workshop at ICL2024 aims to harness the transformative potential of international EdTech hackathons in digital education. Over 1.5 hours, participants will exchange best practices, develop high-quality hackathon strategies, and explore their role as a challenge-based learning format amid rising AI use in education. Targeting educators, administrators, EdTech innovators...	W 08: Workshop: KICK 4.0 – AI Chatting Skills in the Engineering Laboratory Location: Room U06-401 The workshop aims to explore and discuss the connection of two current educational developments: the rise of cross-reality labs in engineering education and the pedagogical challenges, opportunities and limitations of extending students' lab work with generative AI like ChatGPT. While cross-reality labs can promote collaborative, self-directed, and agile learning when well developed, the main...	
1:00pm - 4:00pm	W 07: Workshop: Synergising Problem and Project Based Learning and Design Thinking Location: Room U01-202 Independent pedagogical practices over a period reach their saturation points and start providing diminishing returns due to zealous implementation, verbatim interpretation, unknown blind spots, and similar limitations. One of the pragmatic approaches is to appropriately synergise such pedagogical practices. This Tutorial/Workshop highlights the benefits of synergising three widely practiced...			
2:30pm - 3:00pm	W CB: Coffee Break Location: STU			
2:30pm - 5:00pm	W10: Workshop 10 - Exploring Socially Assistive Robots in Elderly and Health Care Location: Mectory Innovation Lab Chair: Janika Leoste , Tallinn University of Technology Panel Discussion: Engage with interdisciplinary experts as they share real-life findings from pilot projects involving socially assistive robots in hospitals, clinics, and elderly care settings. Live Demonstrations: Experience the technology firsthand through demonstrations that showcase the practical applications of socially assistive robots. Networking: Connect with peers and industry leaders...			
3:00pm - 4:30pm	W 04: Workshop: Sociogamify Workshop: Boosting User Engagement in Industrial Applications through Social Networking and Gamification Location: Room U04-103 This workshop will equip researchers, developers, and industry professionals with innovative strategies to boost user engagement in their projects. Based on the successful implementation and findings of the ROSNUB project and the GPS module, this workshop will provide practical insights into integrating social networking and gamification (sociogamify) into software research, development, and...	W 05: Workshop: Integrating Executive Function Processes in Higher Education Classrooms: Strategies to Foster Students' Self-knowledge and Academic Success. Location: Room U05-216 As responsible for students' academic success, we need to be aware that in this digital, globalized era, learners need technological expertise and, more importantly, mastery of processes such as goal setting, planning, prioritization, organization, flexibility to change, manipulation of information in working memory, and self-monitoring. These processes are called executive function (EF)...	W 06: Workshop: Makerspace - Training On Soft-skills and Entrepreneurial Thinking Location: Room U06-401 This special session is built on the Erasmus+ co-funded Project on Ethiopian-Djibouti - Females at Makerspace (EtD-FaM). Besides establishing makerspaces at 5 Ethiopian Universities of Applied Sciences (UAS) and at the University of Djibouti. This special session will create a lighthouse effect by providing insights to: (1) the importance for female lecturers/researchers/students; (2) an extended...	W 09: Workshop: The ABET Perspective Programmatic Accreditation in the STEM Disciplines Location: U05-215 This seminar will focus the approach ABET uses for accrediting STEM academic programs. Topics include the philosophy, principles and tools for the accreditation process as well as the use of assessment methods for demonstrating compliance with criteria. Register for the workshop
6:00pm - 8:00pm	WR: Welcome Reception Welcome Reception will be held at Tallink City Hotel. Address: A. Laikmaa 5, 10145 Tallinn			

Date: Wednesday, 25/Sept/2024

8:00am	BT1: Bus Transfer 1 Bus transfer from Meriton Hotel and Tallink City Hotel to TalTech					
8:00am - 5:30pm	Registration open					
9:00am - 10:00am	Opening: Opening Session Location: Main Hall (Aula) room U01-201 Chair: Michael E. Auer , IGIP General Secretary • Michael Auer (IGIP General Secretary) Greeting address from ICL • Greeting address Tiia Rüttnann (IGIP President) • Greeting address Tiit Land (TalTech Rector) • Greeting words John Irwin (ASEE Board of Directors) • Greeting words Martin Llamas Nistal (President of IEEE Education Society) • Greeting words Michael Milligan (ABET CEO) • Greeting words David Guralnick (IELA President) • Organizational information Tiia Rüttnann					
10:00am - 11:00am	P1: Plenary Session 1 - Keynote Speeches by Prof Torsten Fransson and Prof Uriel Cukierman Location: Main Hall (Aula) room U01-201 Chair: Eleonore Lickl , PHSt • Keynote by Prof Torsten Fransson "Educator-to-Educator collaboration in Higher Education: Possibility or Not Even Wished?" • Keynote by Prof Uriel Cukierman "Are the Engineering Professors Prepared to Teach Engineering?"					
11:00am - 11:30am	CB1: Coffee Break 1 Location: STU					
11:30am - 1:00pm	1A: Parallel Session 1A Location: Main Hall (Aula) room U01-201 Chair: Doru Ursutiu , "TRANSILVANIA" University - AOSR	1B: Parallel Session 1B Location: Room U03-103 Chair: Maria Teresa Restivo , University of Porto	1C: Parallel Session 1C Location: Room U02-102 Chair: Dr. Juergen Koeberlein-Kerler , PhD, IBK Ingenieurbüro Köberlein GmbH & Co KG	1E: Remote Parallel Session 1E Location: Room U06-401 Session Chair: Aigar Hermaste Tallinn University of Technology, Estonia Link to online session (MS Teams)	SS 1: Special Session 1 - Entrepreneurship in Engineering Education 2024 Location: Room U04-103 Chair: Jürgen Jantschgi , HTL Wolfsberg	
1:00pm - 2:00pm	L1: Lunch 1 Location: STU					
2:00pm - 3:30pm	2A: Parallel Session 2A Location: Room U01-202 Chair: Istvan Simonics , Óbuda University	2B: Parallel Session 2B Location: Room U03-103 Chair: Stamatis Papadakis , University of Crete, Greece	2C: Parallel Session 2C Location: Room U02-102 Chair: Ralph Dreher , University of Siegen	2E: Remote Parallel Session 2E Location: Room U06-401 Session Chair: Kadriann Tamm, Tallinn University of Technology, Estonia Link to online session (MS Teams)	RT: IGIP Round Table (IAB) Location: Room U04-103 Chair: Maria Teresa Restivo , University of Porto Teams link	SS 2: Special Session 2 - Dance of Data in Educational Science and Practice Location: Main Hall (Aula) room U01-201 Chair: Roman Hrmo , DTI University
3:30pm - 4:00pm	CB2: Coffee Break 2 Location: STU					
4:00pm - 4:30pm	P2: Plenary Session 2 - Keynote by Michael Milligan (ABET) Location: Main Hall (Aula) room U01-201 Chair: Tiia Rüttnann , Tallinn University of Technology • Keynote by Michael Milligan (ABET) "Strengthening International Collaborations for a Sustainable Future"					
4:30pm - 4:45pm	SB1: Social Break 1					
4:45pm - 6:15pm	3A: Parallel Session 3A Location: Main Hall (Aula) room U01-201 Chair: James Wolfer , Indiana University South Bend	3B: Parallel Session 3B Location: Room U03-103 Chair: Jorge Membrillo-Hernández , Instituto Tecnológico y de Estudios Superiores de Monterrey	3C: Parallel Session 3C Location: Room U02-102 Chair: Ulla Birnbacher , Carinthia University of Applied Sciences	3D: Parallel Session 3D Location: Room U04-103 Chair: Horia Alexandru Modran , Transilvania University of Brasov	3E: Remote Parallel Session 3E Location: Room U06-401 Session Chair: Hanna Toom, Tallinn University of Technology Link to online session (MS Teams)	

5:30pm

CT: City Tour

Tallinn City tour in historical old town starts simultaneously from Tallink City Hotel and Meriton Spa Hotel at 17:30. The number of participants is limited. Pre-registration link

Date: Thursday, 26/Sept/2024

7:30am	BT2: Bus Transfer 2 Bus Transfer from Meriton Hotel and Tallink City Hotel to TalTech					
7:30am - 6:00pm	Registration open					
8:00am - 9:30am	4A: Parallel Session 4A Location: Main Hall (Aula) room U01-201 Chair: Raido Puust , Tallinn University of Technology	4B: Parallel Session 4B Location: Room U03-103 Chair: Janika Leoste , Tallinn University of Technology	4C: Parallel Session 4C Location: Room U02-102 Chair: Claudius Terkowsky , TU Dortmund University	4E: Remote Session 4E Location: Room U05-216 Session Chair: Margus Müür, Tallinn University of Technology, Estonia Link to online session (MS Teams)	SS 4: Special Session 4 - IPW Location: Room U04-103 Chair: Steffen Kersten , TU Dresden	
9:30am - 10:00am	CB3: Coffee Break 3 Location: STU					
10:00am - 11:15am	P3: Plenary Session 3 - Keynote Speeches by Prof Karin Wolff and Prof Raivo Sell Location: Main Hall (Aula) room U01-201 Chair: Uriel Ruben Cukierman , UTN - Keynote by Prof Karin Wolff "A community of practice approach to engineering educator development" - Keynote by Prof Raivo Sell "Future Mobility: Challenges and Barriers" - Invitation to ICL2025 in Budapest, Hungary					
11:15am - 11:30am	SB2: Social Break 2					
11:30am - 1:00pm	5A: Parallel Session 5A Location: Main Hall (Aula) room U01-201 Chair: Andreas Probst , HTL Wels	5B: Parallel Session 5B Location: Room U03-103 Chair: Dieter Landes , University of Applied Sciences Coburg	5C: Parallel Session 5C Location: Room U02-102 Chair: Thomas Klinger , Carinthia University of Applied Sciences	5E: Remote Session 5E Location: Room U05-216 Chair: Jaanus Põial , Tallinn University of Technology Link to online session (MS Teams)	SS5: Special Session 5 - SALT Location: Room U04-103 Chair: Galina Bogdanova , Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences	
1:00pm - 2:00pm	L2: Lunch Break 2 Location: STU					
2:00pm - 3:30pm	6A: Parallel Session 6A Location: Room U01-202 Chair: Herwig Rehatschek , Medical University of Graz	6B: Parallel Session 6B Location: Room U03-103 Chair: András Benedek , Budapest University of Technology and Economics	6C: Parallel Session 6C Location: Room U02-102 Chair: Istvan Simonics , Óbuda University	6E: Remote Session 6E Location: Room U05-216 Session Chair: Margus Müür, Tallinn University of Technology, Estonia Link to online session (MS Teams)	PD: IGIP Panel Discussion - The Future of Engineering Education in the Era of AI Location: Main Hall (Aula) room U01-201 Chair: Michael E. Auer , IGIP General Secretary Panelists: John Irwin (ASEE) Michael Milligan (ABET) David Guralnick (IELA) Rahul Razdan (Florida Poly) Karin Wolff (Stellenbosch Uni)	SS6: Special Session 6 - OER4STEM Location: Room U04-103 Chair: Selver Softic , CAMPUS 02 University of Applied Sciences Chair: Vlad Bocanet , Technical university of Cluj-Napoca
3:30pm - 4:00pm	CB4: Coffee Break 4 Location: STU					
4:00pm - 5:00pm	IGIP AGM: IGIP Annual General Meeting Location: Main Hall (Aula) room U01-201 Chair: Michael E. Auer , IGIP General Secretary IGIP members only					
5:15pm	BT3: Bus Transfer 3 Bus transfer from TalTech to hotels after the end of IGIP AGM					
6:45pm	BT4: Bus Transfer 4 Bus transfer from hotels (Meriton Hotel and Tallink City Hotel) to conference dinner					

7:00pm -	CD: Conference Dinner and Award Session at Seaplane Harbour Chair: Michael E. Auer , IGIP General Secretary Address: Vesilennuki 1, Tallinn With tickets/invitations only
11:00pm	BT5: Bus Transfer 5 Bus transfer from conference dinner to Tallink City Hotel and Meriton Hotel

Date: Friday, 27/Sept/2024

8:00am	BT6: Bus Transfer 6 Bus transfer from Tallink City Hotel and Meriton Hotel to TalTech				
8:30am - 2:30pm	Registration open				
9:00am - 10:30am	7A: Parallel Session 7A Location: Main Hall (Aula) room U01-201 Chair: Tiia Rütümann , Tallinn University of Technology	7B: Parallel Session 7B Location: Room U03-103 Chair: Reinhard Bernsteiner , Management Center Innsbruck (MCI)	7E: Remote Session 7E Location: Room U05-216 Session Chair: Hanna Toom, Tallinn University of Technology Link to online session (MS Teams)	8E: Remote Session 8E Location: Room U02-102 Session Chair: Kadriann Tamm, Tallinn University of Technology Link to online session (MS Teams)	9E: Remote Session 9E Location: Room U04-103 Chair: Tiina Kasuk , Tallinn University of Technology Link to online session (MS Teams)
10:30am - 11:00am	CB5: Coffee Break 5 Location: STU				
11:00am - 12:30pm	EX: Excursions to TalTech Labs Pre-registration at the registration desk onsite TalTech Labs to visit: The Nearly-Zero Energy Building Autonomous Vehicles Research Group E-Vehicles Lab Services Industrial Robotics and Machine Vision Lab Residential DC Innovation HUB Laboratory of Energy Technology Lab of Photovoltaic Materials Research Centre of Smart Industry and Robotics Lab of Textile Technology High...				
11:45am - 1:15pm	10E: Remote Session 10E Location: Room U03-103 Session Chair: Hanna Toom, Tallinn University of Technology Link to online session (MS Teams)	11E: Remote Session 11E Location: Room U05-216 Session Chair: Kärt Kase, Tallinn University of Technology Link to online session (MS Teams)	12E: Remote Session 12E Location: Room U04-103 Chair: Emlyn David Witt , Tallinn University of Technology Link to online session (MS Teams)	13E: Remote Session 13E Location: Room U02-102 Chair: Tiina Kasuk , Tallinn University of Technology Link to online session (MS Teams)	14E: Remote Session 14E Location: U05-215 Session Chair: Mohsen Malayjerdi, Tallinn University of Technology Link to online session (MS Teams)
12:30pm - 12:45pm	SB3: Social Break 3				
12:45pm - 1:30pm	L3: Light Lunch Location: STU				
1:30pm - 2:30pm	CS: Closing Session Location: Main Hall (Aula) room U01-201 Chair: Michael E. Auer , IGIP General Secretary - ICL2024 Best Paper Award: Thomas Klinger, Award Chair - Closing address: IGIP President				