

"Emerging Disruptive Technologies: Balancing Innovation, Risks, and Societal Impact"					
Location: Aula Magna - Faculty of Medicine, LBUS			Agenda for the first day - 06.11.2025		
Hours	Topics	The title of presentation	Moderator	Speaker	Company
8:30 - 9:00	Welcome & Registration				
9:00 - 10:00	Opening Speech	Prof. Dr. Eng. Adrian Florea, Director of KTC HPI-LBUS			
		Prof. Dr. Habil. Raluca Sassu, Vicerector LBUS			
		Prof. Dr. Lasse Berntzen, USN			
		Ramona Samson, Chief Economist Unit at European Commission, Directorate-General for Research and Innovation			
		Prof.Dr.Eng. Maria Vintan, Dean of Engineering Faculty			
		Prof.Dr. Eng. Remus Brad, President Sibiu IT Cluster			
		Catalin Mihacea, Managing Director/Founder Agile Networks Technologies, Former President Sibiu IT Cluster			
10:00 - 10:45	Keynote speech	Innovation with Purpose: Building Trust in an Age of Emerging Technologies	Radu Chiş, Head of Technology at MultiversX		
10:45 - 11:30		Why should we care about quantum algorithms? A journey from science to entrepreneurship.	Andreea-Iulia Lefterovici, Quantum Computing Scientist & Science Communicator at Leibniz University Hannover, Germany		
11:30 - 11:40	Coffee break				
11:40 - 12:00	Blockchain & Cybersecurity	Cybersecurity Studies in the Automotive Field	Prof. Dr. Eng. Remus Brad, ULBS	Catalin Mihacea, Co-CEO/Founder	Agile Networks Technologies
12:00- 12:20		Evidence-Based Cyber Education: CTFs, Labs, and Real-World Readiness		Radu Marin, founder	Chronos Security
12:20 - 12:40		Autonomous AI Agents in Cyber Defense		Alex V Mbaziira, Associate Professor, PhD, Director, School of Technology & Innovation	Marymount University
12:40 - 13:00		Vulnerability Management in Manufacturing Environment. Topic 1(CS)		Roland Paul Moraru, Senior Cybersecurity Engineer	AUMOVIO Sibiu
13:00 - 13:20		Risk-Centric Threat Modeling at Scale		Istvan Albert-Toth, Director of DevSecOps & Product Development	VerSprite Cybersecurity
13:20 - 13:40		Navigating the Shift: Challenges in Transitioning from Standard to Post-Quantum Cryptography in Embedded Devices		Mircea Pop, Manager Security Firmware Automotive	NXP Semiconductors Romania
13:40 - 14:10		Discussion			
14:10 - 15:00	Lunch break				
15:00 - 15:15	Green digital transition	Renewable Energy Sources and Circular Economy Applied in an Academic Community as an Example for Smart Sustainable Development	Prof. Dr. Eng. Adrian Florea, Director KTI HPI-ULBS	Dr. habil. Teodor Vintila, Associate Professor	University of Life Science, Timisoara Department of Biotechnology
15:15 - 15:30		The politics of twin transition		Professor Amanda Margaret Machin / Dr. Karin Fossheim	University of Agder
15:30 - 15:45		Infrastructure For AI DATA Centers		Aurel Dosan, Sales Manager	Datacor
15:45 - 16:00		From Presence to Performance: Mapping the Digital Maturity of Romanian Municipalities		Catalin Vrabie, Associate Professor	SNSPA, Bucharest
16:00 - 16:15		Tackling the climate crisis by optimizing public transit with an app-based solution		Dr. Stefan Baumeister, Senior Lecturer & Adjunct Professor, Program Director	University of Jyväskylä
16:15 - 16:30		SmartAgriChain: Driving the Green Digital Transition in Agriculture		Sorin Rotariu, CEO	GITS Group
16:30 - 16:45		Smart and Sustainable Cities: Digital Tools and Behavioral Policies for Waste Reduction and Green Energy Transition		Marian Popa, Director at Public Service Sanitation, Environmental Protection and Public Domain Administration	Sibiu City Hall
16:45 - 17:15		Discussion			
17:15 - 17:30	Coffee Break				
17:30 - 17:50		Navigating the Future of AI Integration: Competency Development, Ethical Considerations, and Workforce Adaptability in „Organizations 5.0”		Prof. Dr. Eng. Adrian Florea, Director KTC HPI-ULBS, Associate Prof. Dr. Radu Cretulescu, Head of Computer Sciences and Electrical Engineering Department Vlad Toncian, Software Project Manager at Marquardt	ULBS + Marquardt

17:50 - 18:10	Artificial Intelligence: fairness, ethics and human-AI collaboration	Smart Machines, Conscious Minds: Between Algorithms and Awareness	Silviu Rei, Head of R&D AUMOVIO Sibiu	Silviu Rei, Head of ANS R&D Sibiu. Head of R&D PL1 Sibiu	AUMOVIO Sibiu
18:10 - 18:30		Ethical AI in Healthcare Systems: Where Fairness Meets Clinical Reality		Elena- Anca Paraschiv, Scientific Researcher	Department of Software Engineering and Complex Systems, ICI - Bucharest
18:30 - 18:50		Taking Back Control: The Rise of Local AI		Daniel Ursu, Senior Software Engineer	Bearingpoint
18:50 - 19:10		Beyond Single Models: Engineering Multi-Agentic AI Systems		Mihai-Alexandru Şchiopu, Engineering Manager	MultiversX
19:10 - 19:30		Efficient Edge AI Deployment: Optimization Strategies for Resources-Constraint Devices		Marian Banica, Software Engineer / Technical Lead	NXP Semiconductors Romania
19:30 - 20:00		Discussion			
From 20:15	DINNER				

Location: Faculty of Medicine - Senate Hall LBUS			Agenda for the second day - 07.11.2025		
Hours	Topics	The title of presentation	Moderator	Speaker	Company
9:00 - 09:45	Keynote speech	Shaping the Future with Generative AI: From Ideas to Value Creation	Lasse Berntzen, Professor		Department of Business, Marketing, and Law. USN School of Business
9:45 - 10:30		45 Min Power Brief on Transformation	Jürgen Samuel Präsident des Verwaltungsrates		di3logy AG
10:30 - 10:40	Coffee Break				
10:40 - 11:00	Innovative Partnerships & Knowledge Transfer	Next MFF in research and innovation and news in terms of funding, governance	Associate Prof. Dr. Radu Cretulescu, Head of Computer Sciences and Electrical Engineering Department	Ramona Samson, Chief Economist Unit	European Commission, Directorate-General for Research and Innovation
11:00 - 11:20		European Master’s Programme in Cybersecurity Management		Julia von Thienen, Head of the Research Group	Design Thinking Research and Neurodesign, German University of Digital Science
11:20 - 11:40		From Data to Decisions: How Product Analytics Powers Innovation		Alexander Magnusson, Founder, CEO	Magnusson Analytica
11:40 - 12:00		Innovation as personal choice		Prof. Dr. Eng. Razvan Rughinis	National University of Science and Technology POLITEHNICA Bucharest
12:00 - 12:20		Building a Culture of Innovation		Ioan Solovăstru, CEO & Founder	Moonlysoft
12:20 - 13:00		Discussion			
13:00 - 14:20	Lunch break				
14:20 - 14:40	Quantum Computing and Quantum Technologies	Quantum Compilers for People in a Hurry	Ovidiu Chicea, Sr. Architect, Deputy Site Manager NXP Semiconductors Romania	Ioan-Albert Florea, Research Assistant in the area of Quantum Compilation	Technical University Munich
14:40 - 15:00		Post-quantum cryptographic algorithms		Florin Simedru, Software Project Manager	AUMOVIO Sibiu
15:00 - 15:20		The journey of a quantum community		Cristian Ilie, Telecommunication Engineer	Military Technical Academy "Ferdinand I" Bucharest
15:20 - 15:40		Meet CQ - a high-level imperative classical-quantum programming language		Lennart Binkowski, Researcher	Institute for Theoretical Physics, Leibniz Universität Hannover
15:40 - 16:00		Secure Communication in the Quantum Era: Challenges, Promises, and Limits.		René Schwonnek, Research Scientist	Institute for Theoretical Physics, Leibniz Universität Hannover
16:20 - 16:50		Discussion			
16:50 - 17:00	Coffee Break				
17:00 - 17:20		Trends and platforms for efficient upskilling - from personal growth to collective impact		Carp Bogdan George, Programs Manager	CyberEDU

17:20 - 17:40	Education transformation: upskilling, reskilling, Lifelong Learning	AI in the learning process	Prof. Dr. Eng. Adrian Florea, Director KTC HPI-ULBS	Viorel Bota, Mentor	Informal IT School
17:40 - 18:00		From Testing to Compliance: Supercharging QA with Cyber Skills		Ioana Albert-Toth, Strategic Accounts and Partnership Manager	Informal IT School
18:00 - 18:20		Binance academy and education initiatives		Ilie Pușcaș, Country Manager	Binance Romania
18:20 - 18:40		Beyond Connectivity: Building Romania’s Future Through Education and Innovation		Ana Ciobanu, Startup Programs Manager	Orange Romania
18:40 - 19:00		From Virtual Flow to Real-Life Void: Educating for Balance in the Tech Era		Claudiu Popovici, Trainer, Coach, Specialist Stress Management & Wellbeing	Corporate Performance Solutions
19:00 - 19:20		Discussion			
19:20 - 19:45	Closing of the SID 2025 session				
From 20:00	DINNER				

06.11.2025 ora 15:00	Workshop 1 Interacting with the MultiversX Network using MCP	Alexandru Popența, software developer	MultiversX
06.11.2025 17:00 - 18:30	Workshop 2 Meet CQ - a high-level imperative classical-quantum programming language	Lennart Binkowski, Researcher	Leibniz Universität Hannover
07-11-2025 ora 16:30	Workshop 3 5.0 Value Co-Creation Mechanisms and Experimentations: Manufacturing Automation	Alin David, System Engineer & Vlad Toncian, Software Project Manager & Razvan Toghe, Computer Systems Engineer	Marquardt