Day 1, Thu, 24, Oct. 2024

9:00 - 10:00 Opening Speech

10:00 - 10:45 Keynote speech: Digital World – Digital Education
MOOCs as Cornerstone of a Digital University
by Prof. Dr. Christoph Meinel, Founding President and CEO German University of Digital Science, Former Director and CEO of the Hasso Plattner Institute

10:45 - 11:30 Keynote speech: AI as a driver of innovative collaboration within and across 5.0 organizations
By Prof. Dr. rer. oec. Thomas Süße at Bielefeld University of Applied Sciences and Arts

11:40 - 14:30 PANEL 1: Blockchain & Cybersecurity
Moderator: Prof. Dr. Eng. Remus Brad, ULBS
Innovation through Blockchain: Pioneering Applications Across Sectors
By Radu Chiș, Head of Technology at MultiversX
Blockchain in the Energy Sector
By Prof. Dr. Lasse Berntzen from School of Business, University of South-Eastern Norway
How to protect modern applications
By Bogdan Ion, Network Engineer at ALEF Distribution Romania
Researches in the Automotive Cybersecurity field
By Catalin Mihacea, Managing Director at Agile Networks Technologies
Advancements in Decentralized Finance
By Alin Bogdan Popa Chief Technology Officer & Partner at Parable (Assetize)
Cybersecurity – area of secure authentication and encryption in the IoT systems
By Marek Ostafil, Co-Founder at Smart Secure Networks
Architecting Cybersecurity – Planning and Designing the Cybersecurity Program.
By Roland-Paul Moraru-Avram - Senior Cybersecurity Engineer at Continental Automotive Systems Sibiu

16:00-17:40 PANEL 2: Green digital transition
Moderator: Andrei Nistor, Owner Poliglot Media
White lies, red flags: restoring consumer trust in sustainability efforts
By Bogdan Valentin Cretu, CEO at CORA SRL
The innovation needs for 5.0 transition
By Prof. Dr. Arkadiusz Jurczuk from Bialystok University of Technology
Empowering Communities: The Future of Energy
By Prof. Juan Albino Mendez Perez from Universidad de La LAguna (Dep. of Computer Science and Systems Engineering)
Intelligent Approaches for Optimization in Real-world Systems
By José Luis Calvo Rolle from University of A Coruña - Department of Industrial Engineering
Digitization as an Enabler of Sustainability
By Sorin Rotaru from GITS SERV

17:45 - 20:00 PANEL 3: Artificial Intelligence: fairness, ethics and human-AI collaboration
Moderator: Ovidiu Epure, Head of Equipment Platform Continental Automotive Systems Sibiu

Defining the conditions of Human-AI companionship for ethically tempting jobs – The case of Top Executive Management

By Prof. Dr. Bernd-Friedrich Voigt from South Westphalia University of Applied Sciences

Artificial Intelligence: Equity, Ethics, and Human-AI Collaboration.

By Pierre-Alexandre Favier, ENSC, Univ. Bordeaux, CNRS, Bordeaux INP, IMS

Using AI for developing personalized learning paths

By Ramona-Diana Leon, Associate Professor at Universitat Politècnica de València

AI in journalism | Our solution that automatically provides a summary of the news in four languages

By Andrei Nistor, Owner at Poliglot Media & Emil Ştețco, Founder, CEO & Chief Innovator Zetta Cloud

AI-Enhanced Co-Creativity: Introducing 'Nature's Voice' during Creative Teamwork in Sustainable

By Julia von Thienen, Senior Researcher, Lead of the Neurodesign Research Group at German University of Digital Science

Machine Learning acceleration and optimization: use cases

By Francisco Carmelo Almeida Rodríguez, Full Professor in Computer Science at Universidad de La Laguna

Solving the black box problem: towards more meaning in AI?

By Frederic Hillon, Digital Advisor at University of Burgundy

How is AI impacting businesses and changing the way we work

By Vadim Fintinari, Head of AI at Rebel Dot

16:00 - 19:00 Workshop 1 - Organized by MultiversX

Introduction to Interacting with the MultiversX Network with Alexandru Popența, Software Developer

Place: Faculty of Engineering

Day 2, Fri, 25, Oct. 2024

09:00 - 09:45 Keynote speech

OMiLAB Community of Practice and the usage of the Digital Innovation Environment in the context of CoDEMO

With: *Iulia Vaidian, Community of Practice Manager & Wilfrid Utz, Managing Director at OMiLAB*

10:00 - 12:15 PANEL 4: Innovative Partnerships
Moderator: Alin David, System Engineer at Marquardt Schaltsysteme
European partnerships under Horizon Europe
By Ramona Samson, Chief Economist Unit at European Comission, Directorate-General for Research and Innovation
Skills and capabilities for 5.0 Organizations
By Iulia Vaidian, Community of Practice Manager & Wilfrid Utz, Managing Director at OMiLAB
Ideation without Boundaries
By Ovidiu Bazarea – R&D Innovation Responsible
& Cosmin Biris – Senior Expert Vision Test Systems at Continental Automotive Systems Sibiu
Nursing Home 5.0: The Case of the EVA Project
By Raksmey Phan, Researcher/In charge of MedTechLab® at École Nationale Supérieure des Mines de Saint-Étienne
NXP's successful partnerships with universities for research in the framework of subsidized projects
By Filip Alexandru Rosu from NxP Semiconductors Romania
Funding opportunities for deep tech startups to scale up
By Roxana Lupascu, Innovation & Business Development Expert at Magurele Science Park - EEN2EIC Consortium Innovation Leader in Romania
Deep Tech startups, technological transfer and the role of the ecosystem
By Mihai Sfintescu, Managing Director at Abilito Capital

14:00 - 16:30 PANEL 5: Quantum Computing and Quantum Information
Ovidiu Chicea, Sr. Architect, Deputy Site Manager, NxP Semiconductors Romania
The Quantum Reality
By Prof. Pantelimon George Popescu at Universitatea Națională de Știință și Tehnologie POLITEHNICA din București
From Computer Science Students to Quantum Researchers
By Ioan-Albert Florea, Master of Science Student at Technical University Munich
The future is Quantum: technologies for the 21st century
By Dr. Radu Ionicioiu, Strategic Advisory Board, EU Quantum Flagship, Department of Theoretical Physics at Horia Hulubei National Institute of Physics and Nuclear Engineering (IFIN-HH)
Quantum metrology applications
By Dr. Ștefan Ataman, Senior Researcher at Extreme Light Infrastructure - Nuclear Physics (ELI-NP), Magurele
PQC. Now and the future
By Ovidiu Chicea, Sr. Architect, Deputy Site Manager at NxP Semiconductors Romania
In Praise of the Density Matrix Formalism
By Ugo Fiore, Professor at Dipartimento di Informatica - Università degli Studi di Salerno

16:40 - 19:00 PANEL 6: Education transformation: upskilling, reskilling, Lifelong Learning,
Moderator: Prof. Dr. Eng. Adrian Florea, Director KTC HPI-ULBS
Explore the intersection of Self-Determination Theory and Cybersecurity Education - a literature review

By Iulia Feraru, Security Manager at Visma

Empowering Tomorrow: Lifelong Learning and the Future of Skills Development

By By Viorel Bota, Mentor at Scoala Informala de IT

How training can support the transformation of industries and organizations

By Nathalie DOUARD, Associate Professor at Ecole Nationale Supérieure des Mines de Saint Etienne

Learning AT AW AD @ Continental Sibiu

By Maria Barna, Head of Learning & Training at Continental Automotive Systems Sibiu

Corporate Amnesia and Reskilling in the Industry 5.0 Context

By Ramona-Diana Leon, Associate Professor at Universitat Politècnica de València

Web3 educational innovation

By Ilie Puscas, Country Manager at Binance Romania

16:00 – 19:00 Workshop 2

  5.0 Value Co-Creation mechanisms and experimentations, Case studies
  Alin David, System Engineer & Vlad Toncian, Software Project Manager at Marquardt Schaltsysteme,
  Iulia Vaidian, Community of Practice Manager & Wilfrid Utz, Managing Director at OMILAB
  Place: Faculty of Engineering

19:00-19:50 Pitching of the Hackathon winners
    Announcement of the Hackathon Contest winners
    Closing of the SID 2024 session