

On site Activities (preliminary) Program

NOVOTEL BARCELONA CORNELLÀ
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Updated as of **May 23, 2024**

The program will be continuously updated.

DigitalWorld: <https://www.iaaria.org/conferences2024/DigitalWorld24.html>

NexComm: <https://www.iaaria.org/conferences2024/NexComm24.html>

Timezone converter: <https://www.worldtimebuddy.com>

Session conference rooms	Room #1	Room #2	Room #3
Plenaries		Room #1	

Sunday, May 26

11:00	Registration starts The registration desk is located in front of the conference rooms Open during the entire conference
13:00 - 13:15	Welcome
13:15 - 14:15	Tutorial Lecture Theme: How to Plan and Perform Artificial Intelligence and Health Information Technologies Evaluation Speaker Prof. Dr. Vitaly Herasevich, M.D., Ph.D., Mayo Clinic, USA Chair Lodewijk Arntzen
14:15 - 14:45	Coffee Break
14:45 - 15:45	Session 1 [eTELEMED, MMEDIA]
15:45 - 16:15	Coffee
16:15 - 17:15	Keynote Speech Quantum Sensing - The State-of-the-Art Possibilities Speaker Pr. Lect. Dr. Lodewijk Arntzen, The Hague University of Applied Sciences, The Netherlands

	Chair Eugen Borcoci
17:15 - 17:30	Coffee
17:30 - 18:45	Open Discussion #1 Theme: Human Brain and Machines: Social Implications Coordinators Prof. Dr. Vitaly Herasevich, M.D., Ph.D., Mayo Clinic, USA Prof. Dr. Petre Dini, IARIA, USA/EU
19:00 - 20:00	Welcome Cocktail <u>Special Cello Duet Cellissimae</u> https://www.iaria.org/conferences2024/filesDigitalWorld24/Cellissimae_Welcome.pdf You must have your badge to attend the cocktail

Monday, May 27

09:00 - 10:00	Keynote Speech Theme: Information-centric Wireless Networking Speaker Prof. Dr. Shintaro Mori, Fukuoka University, Japan Chair Eugen Borcoci		
10:00 - 10:30	Coffee Break		
10:30 - 12:15	Session 2 [eTELEMED]	STAAS I	
12:15 - 12:30	Coffee		
12:30 - 13:30	Open Discussion #2 Theme: Robots-Human Co-existence Coordinators Pr. Lect. Dr. Lodewijk Arntzen, The Hague University of Applied Sciences, The Netherlands Prof. Dr. Lasse Berntzen, University of South-Eastern Norway, Norway		
13:30 - 15:00	Lunch on your own		
15:00 - 16:45	Session 3 [SPACOMM]	STAAS II	Session 4 [ICDS, eLmL]
16:45 - 17:15	Coffee break		
17:15 - 19:00	Panel #1 Theme: Humans & Technology (Challenges on Technology Adoption and Adaptation to Humans-Machine Co-Existence) Moderator Prof. Dr. Lasse Berntzen, University of South-Eastern Norway, Norway Panelists Prof. Dr. Qing Li, Towson University, USA Prof. Dr. Ray Jones, University of Plymouth, UK		

	Assoc. Prof. Dr. Susanne Stigberg, Østfold University College, Norway Prof. Dr. Michael Hsiao, Virginia Tech, USA
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Tuesday, May 28

09:00 - 10:00	<p align="center">Keynote Speech Theme: Playing with the ThinkMind Corpus Speaker Prof. Dr. Lasse Berntzen, University of South-Eastern Norway, Norway Chair Shintaro Mori</p>		
10:00 - 10:30	<p align="center">Coffee Break</p>		
10:30 - 12:15	Session 5 [ACHI]	Session 6 [eTELEMED]	DA I
12:15 - 12:30	<p align="center">Coffee</p>		
12:30 - 14:00	Session 7 [ALLSENSORS]	Co-CREATE I	DA II
14:00 - 15:30	<p align="center">Lunch on your own</p>		
15:30 - 17:00	Session 8 [ICN, ICDS]	Co-CREATE II	DA III
17:00 - 17:30	<p align="center">Coffee break</p>		
17:30 - 19:00		Co-CREATE III	DA IV
19:00 - 19:15	<p align="center">Coffee</p>		
19:15 - 20:45	<p align="center">Panel #2 Theme: Sensing and Data Processing (Applications of Mobile Devices, Internet of Things, Sensing Systems, and Data Processing) Moderator Prof. Dr. Paulo Estevao Cruvinel - Embrapa Instrumentacao - Brazil Panelists Dr. Laura García, Universidad Politécnica de Cartagena, Spain Prof. Dr. Ryosuke Yamanishi, Kansai Univeristy, Japan Dr. Roger Tilley, Sandia National Laboratories, California, USA Dr. Gábor György Gulyás, Vitarex Studio Ltd., Hungary</p>		

Wednesday, May 29

09:00 - 10:00	<p align="center">Keynote Speech Theme: Wide Area Wireless Networks - from 3G to 6G: Evolution, Integration, Challenges Speaker Prof. Dr. Eugen Borcoci, National University of Science and Technology POLITEHNICA Bucharest, Romania</p>
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	Chair Jin-Shyan Lee		
10:00 - 10:30	Coffee Break		
10:30 - 12:15	Session 9 [eTELEMED]	Session 10 [SMART ACCESSIBILITY]	Session 11 [ICONS, ICN]
12:15 - 12:30	Coffee		
12:30 - 13:30	Open Discussion #3 Theme: (de)generative AI - The is a Bad Moon on the Rise! Coordinators Prof. Dr. Petre Dini, IARIA, USA/EU Prof. Dr. Katharina Frosch, Brandenburg University of Applied Sciences, Germany Prof. Dr. Gerhard Hube, University of Applied Sciences Würzburg-Schweinfurt, Germany		
13:30 - 15:00	Lunch on your own		
15:00 - 16:45	Session 12 [SOFTENG, ALLDATA, eTELEMED]	Session 13 [ICN]	DASAIT
16:45 - 17:15	Coffee break		
17:15 - 19:00	Panel #3 Theme: Complex Systems (Progress on Communications Networking and Data Storage/Processing) Moderator Prof. Dr. Jin-Shyan Lee, National Taipei University of Technology, Taiwan Panelists Prof. Dr. Shintaro Mori, Fukuoka University, Japan Prof. Dr. Eugen Borcoci, National University of Science and Technology POLITEHNICA Bucharest, Romania Research Scientist Nadia Kortas, Space Communication and Navigation Program, National Aeronautics and Space Administration (NASA), USA President Emeritus, Dr. Robert Sundberg. Spectral Sciences, Inc., USA		
19:00 - 20:30	Coffee (Socializing)		
20:30 - 23:30	Conference Dinner Novotel Hotel <u>DJ + Special Cello Duet Cellissimae</u> https://www.aria.org/conferences2024/filesDigitalWorld24/Cellissimae_Gala.pdf		

Thursday, May 30

09:00 - 10:30	Panel #4 Theme: Health & Accessibility (Challenges for Accessibility for All in Digital Era) Moderator Prof. Dr. Monika Maria Moehring, Technische Hochschule Mittelhessen, BliZ, Germany Panelists
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	Sr. Lect. Jonny Karlsson, Arcada University of Applied Sciences, Finland Dr. Baptiste Alcalde, FH Joanneum, Austria Prof. Dr. Olga Levina, TH Brandenburg, University of Applied Science, Germany Dr. Vania Mota, Ordem de São Francisco do Porto, Portugal		
10:30 - 11:00	Coffee Break		
11:00 - 12:45	Session 14 [eTELEMED]	AVRAR	DA V
12:45 - 14:15	Lunch on your own		
14:15 - 16:00	Session 15 [GEOProcessing, ACHI, ALLSENSORS]		DA VI
16:00 - 16:15	Coffee		
16:15 - 17:30	Session 16 [ALLSENSORS, SMART ACCESSIBILITY, ICDT]	SCSN	DA VII
17:30 - 18:00	Coffee break		
18:00 - 19:00	Open Discussion #4 Theme: Accessibility and Digital/AI-based Services Coordinators Prof. Dr. Monika Maria Moehring, Technische Hochschule Mittelhessen, BliZ, Germany Prof. Dr. Olga Levina, TH Brandenburg, University of Applied Science, Germany		
19:00 - 19:15	Closing Session Farewell		

Recommended tourist objectives to be visited on your own:

- General information: www.barcelonatourguides.com
- Contact: info@barcelonatourguides.com

Barcelona

Prepare your best places to see in Barcelona: https://youtu.be/XVqpOCPg_Y4

- Park Güell
- Sagrada Familia
- Picasso Museum
- Gaudi Museum
- Museum of Catalan Art
- Montjuic Hill
- La Rambla
- La Marina

Girona

Salvador Dali Museum [one day trip from Barcelona]

Detailed Sessions

Session 1 [eTELEMED, MMEDIA] Sunday

Session Chair: Vitaly Herasevich

40004 Self-Efficacy as a Determinant of Telemedicine Adoption in a Developing Country
Danupol Hoonsopon, Chulalongkorn University, Thailand

40033 Assessing Greek National Telemedecine Network
Haralampos Karanikas, D DRAKOPOULOS KAI SIA OE, Greece

50006 An Efficient Compression Strategy for Light Field Video Data Management
Maissan Bazazeh, University of British Columbia, Canada

Session 2 [eTELEMED] Monday

Session Chair: Lasse Berntzen

40024 The Telemedicine Musculoskeletal Examination [PRESENTATION]
Edward Laskowski, Mayo Clinic, USA

40009 A Framework for Fast Development of Customized Telehealth Applications
Baptiste Alcalde, FH Joanneum, Austria

40021 A Case Study for Scoliosis: How MLOps Can Help Reduce AI Challenges in Health Care
Gábor György Gulyás, Vitarex Studio Ltd., Hungary

Session 3 [SPACOMM] Monday

Session Chair: Gábor György Gulyás

20011 Study and Analysis of the Initial Test Accuracy of Algerian Augmentation System AL-SBAS
Lahouaria Tabti, Centre of Space Techniques/Algerian Space Agency, Algérie

20015 Spectral Target Detection at Twilight
Robert Sundberg, Spectral Sciences, Inc., USA

20017 Improved Method for Telemetry Data Processing in LEO Satellite
Dongseok Chae, Korea Aerospace Research Institute, Korea

Session 4 [ICDS, eLmL] Monday

Session Chair: Baptiste Alcalde

10005 Intergenerational Technology Codesign in Deprived Coastal Regions
Ray Jones, University of Plymouth, UK

50028 Digital Peer Grading in Group Learning: Empirical Insights and Best Practices
Eduard Klein, BUAS - Bern University of Applied Sciences, Switzerland

50010 Wearable technology & gaming: A study of practicing teacher perspective
Qing Li, Towson University, USA

Session 5 [ACHI] Tuesday

Session Chair: Lan Zhang

20023 Designing and Testing a Connected System for Heating Delivered Food for Elderly People
Sandra Draxler, Joanneum Research Forschungsgesellschaft mbH, Austria

20030 A Method for Estimating Blood Flow Condition from Skin Tone Information in Real Face Images
Miku Shimizu, The University of Electro-Communications, Japan

20052 Evaluating the Impact of a Personal Data Communication Policy in Human-Robot Interactions
Lewis Riches, University of Hertfordshire, UK

20063 Data Handling for PLC-based Research Facilities - How to Interact with Data?
Dennis Marschall, Forschungszentrum Jülich GmbH ZEA-1, Germany

Session 6 [eTELEMED, ACHI] Tuesday

Session Chair: Dominik Samociuk

40014 Simultaneous Relaxation after Stress Induction: Insights from Multi-Modal Time-Series Data measured with Low-Cost Wearable Sensors
Christoph Anders, Hasso-Plattner Institute, Germany

40007 A systematic review and meta-analysis of attendance, adherence and satisfaction with physiotherapy delivered via telerehabilitation [PRESENTATION]
Trevor Russell, The University of Queensland, Australia

20038 Analysis and Enrichment of Description in Restaurant Review through Follow-Up Interaction
Kaho Mizobata, Kansai University, Japan
Ryosuke Yamanishi, Kansai University, Japan

Session 7 [ALLSENSORS] Tuesday

Session Chair: Lewis Riches

70002 Development of Urine Monitoring Sensor Module with Wireless Transmission Function
Lan Zhang, National Institute of Advanced Industrial Science and Technology (AIST), Japan

70014 Passive RFID Antenna Sensor Technology for Structural Behavior Monitoring
Dohyeong Kim, ENGSOFT Co., Ltd., Republic of Korea

70017 Structural Behavior Monitoring System using Scalable Carbon Nanotube Patch Sensors
Sang-Hyeok Nam, ENGSOFT Co., Ltd., Republic of Korea

Session 8 [ICN, ICDS] Tuesday

Session Chair: Christoph Anders

30019 Application of a Deep Reinforcement Learning Algorithm to Virtual Machine Migration Control in Multi-Stage Information Processing Systems
Yukinobu Fukushima, Okayama University, Japan

30021 Measurement of the Per-flow Burst Ratio Parameter in IP Networks
Dominik Samociuk, Silesian University of Technology, Poland

10022 Creating Renewable Energy and Energy Efficiency Awareness
Lasse Berntzen, University of South-Eastern Norway, Norway

Session 9 [eTELEMED, ACHI] Wednesday

Session Chair: Shintaro Mori

40016 Using Computer Vision-based marker-less pose estimation for Measuring Shoulder Range of Motion
Jonny Karlsson, Arcada University of Applied Sciences, Finland
Thomas Hellstén, Arcada University of Applied Sciences, Finland

20065 Investigating the Impact of Website Menu Presentation Style on User Performance
Knut Ole Kvilhaug Magnussen, Høgskolen i Østfold, Norway

40045 Study of Factors Related to Unplanned Patients' Return for Surgery and Planned Operations for Inpatient Care: Example from a Medical Center in Northern Taiwan
Li-Lin Kuo, MacKay Memorial Hospital, Taiwan

Session 10 [SMART ACCESSIBILITY, eLmL] Wednesday

Session Chair: Jin-Shyan Lee

80002 Analysis of accessibility in medical devices in Health Technology Management

Mariana Brandao, IEB-UFSC, Brazil

50013 Bridging Natural Language and Code by Transforming Free-Form Sentences into Sequence of Unambiguous Sentences with Large Language Model

Nikita Kiran Yeole, Virginia Polytechnic and State University, USA

Michael Hsiao, Virginia Tech, USA

50018 Raspberry Pi Controller for Remote Laboratory Hardware Access

Alexander Lampe, Hochschule Mittweida, Germany

Rico Beier-Grunwald, Hochschule Mittweida - University of Applied Sciences, Germany

Session 11 [ICONS, ICN] Wednesday

Session Chair: Fathima Jubina Pathari

40002 Air Quality monitoring platform for Virtual Reality-enabled Digital Twin: the use case of Cartagena (Spain)

Laura García, Universidad Politécnica de Cartagena, Spain

40004 Virtual Sensor Simulation and Post-Processing on the HiL Test System for Autonomous Vehicles in Cyber-Physical Traffic Systems

Taihao Li, Ostfalia University of Applied Sciences, Germany

30027 Applications of Computer Vision to Posture Corrections and Eye Disease Prevention

Jin-Shyan Lee, National Taipei University of Technology (Taipei Tech.), Taiwan

Session 12 [SOFTENG, ALLDATA, ACHI] Wednesday

Session Chair: Laura García

90007 Software Bug Prediction based on Semi-definite Logistic Regression Model

Tadashi Dohi, Hiroshima University, Japan

80002 A Multistep Prediction Algorithm for Analysis of Gravitational Waves based on Deep Learning

Jie Zhu, Department of Electronic Engineering Shanghai Jiao Tong University, China

20069 Dark vs. Light Mode on Smartphones: Effects on Eye Fatigue

Fathima Jubina Pathari, Østfold University, Halden, Norway

Session 13 [ICN] Wednesday

Session Chair: Florian Griebner

30007 mmWave UAV-assisted ICWSN for Disaster-Resilient Smart Cities: Preliminary Evaluation and Demonstration

Shintaro Mori, Fukuoka University, Japan

30012 Automating SDN-ACLs with User Groups and Authentication Events
Florian Grieser, School of Computation, Information and Technology, Technical University Munich, Germany

30024 Localization of Mobile Devices in Future Wireless Networks
Ronald Beaubrun, Laval University, Canada

Session 14 [ACHI] Thursday

Session Chair: Igor Nazareno Soares

20056 The Use of Artificial Intelligence for Personalized Learning: Teacher Perspective
Simen Hellesnes, Norwegian University of Science and Technology, Norway
Trym Simensen Nerem, Norwegian University of Science and Technology, Norway

20077 Co-Design of an Adaptive User Interface for the Visually Impaired People
Audrey Ambles, University of Picardie Jules Verne, France

20095 Virtual Multiuser Environment for Adapted physical Activity and Rehabilitation for Older Adults: Usability and Acceptance Evaluation
Vania Mota, Ordem de São Francisco do Porto, Portugal

Session 15 [GEOProcessing, ACHI, ALLSENSORS] Thursday

Session Chair: Simen Hellesnes

78003 CuBr@SiO₂ Mesoporous Composite for ppb Level Ammonia Detection in Humid Environment at Room Temperature
Lisa Weber, Aix Marseille Univ, CNRS, IM2NP, AMUTech, Marseille, France

30030 Advanced User Interface for a Geospatial Data Integration Platform
Lassi Lehto, Finnish Geospatial Research Institute, Finland

20059 Design of Japanese Character Input Screen for Smartwatch
Kaito Hino, The University of Electro-Communications, Japan

20050 Surface Skin Blood Flow Dynamics During Muscle Contraction Using Filtered Camera
Naoki Yamamoto, University of Electro-communications, Japan

Session 16 [ALLSENSORS, SMART ACCESSIBILITY, ICDT] Thursday

Session Chair: Trym Simensen Nerem

70005 Characterization of a Thermoformed Piezoelectret Accelerometer under Electrodynamic Vibration Conditions

Igor Nazareno Soares, University of São Paulo, Brazil

88009 Challenges of producing accessibility data for public transport and travel chains

Atte Partanen, Häme University of Applied Sciences, Finland

10015 Experimental Investigations to Combat Fading in the NR of 5G Applications with Pattern Diversity

Abdelkader Mosbah, Ecole Militaire Polytechnique Alger, Algérie

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BARCELONA special tracks

ACHI/AVRAR

== Session ACHI/AVRAR ==

Session Chair: Gerhard Hube

Introduction

Chair: Nicholas H. Müller, Technical University of applied Sciences Würzburg-Schweinfurt, Germany

Presenter: Gerhard Hube, University of Applied Sciences Würzburg-Schweinfurt, Germany

28001 Evaluating digital avatars in VR - A systematic approach to quantify the uncanny valley effect

Hakan Arda, Technical University of applied Sciences Würzburg-Schweinfurt, Germany

28011 Qawqaa: A System For Aural Verbal Rehabilitation For Children With Cochlear Implant Using VR Game [PRESENTATION ONLY]

Leenah AlMashari, King Saud University, Saudi Arabia

28013 Further Comparison of 2D Virtual Learning Environments with Classic Video Conferencing Systems for Tertiary Education

Gerhard Hube, University of Applied Sciences Würzburg-Schweinfurt, Germany

Open discussion and Closing remarks

Moderator | *Gerhard Hube, University of Applied Sciences Würzburg-Schweinfurt, Germany*

ACHI/CO-CREATE

== Session ACHI/CO-CREATE I ==

Session Chair: Susanne Koch Stigberg

Introduction

Susanne Koch Stigberg, Østfold University College, Norway

Joakim Karlsen, Østfold University College, Norway

28004 A Collaborative Digital Platform for Charity Thrift Store Workers

Fathima Jubina Pathari, Østfold University College, Halden, Norway

28005 Exploring Technology Probes in Co-Creation Understanding Stakeholders' Familiarity with Emerging Technologies for Socio-Technical Innovation

Fahd Bin Malek Newaz, University of Oslo, Norway

28006 Facilitating labs for innovating cross-sectorial collaborations in teacher education

Kristine Høeg Karlsen, Østfold University College, Norway

== Session ACHI/CO-CREATE II ==

Session Chair: Susanne Koch Stigberg

28007 User-Centric Mobile Application for Long-Term Data Collection: Design and Strategy

Ann-Charlott Karlsen, Østfold University College, Norway

28008 Rules of play to balance ideation and decision making in co-design games

Tina Helene Bunæs, Østfold University College, Norway

28009 Researching x-professional collaborations through co-design and co-creation: Mapping an emerging field

Joakim Karlsen, Østfold University College, Norway

== Session ACHI/CO-CREATE III ==

Session Chair: Joakim Karlsen

28010 Transprofessional course design in teacher education

Susanne Koch Stigberg, Østfold University College, Norway

28012 Student Teachers for Interprofessional Collaboration through Co-design of Cultural Heritage with the Use of AR Technology

Gitte Cecilie Motzfeldt, Østfold University College, Norway

Open discussion and Closing remarks

Moderators

Susanne Koch Stigberg, Østfold University College, Norway

Joakim Karlsen, Østfold University College, Norway

STAAS

== Session ALLSENSORS/STAAS I == **On Site**

Session Chair: Paulo Cruvinel

Introduction

Paulo Cruvinel, Embrapa, Brazil

78001 Using Light-Band Sensors for Stress Evaluation in Rainfed Maize Agricultural Crop

Paulo Cruvinel, Embrapa, Brazil

Wilbur Veramendi, Embrapa Instrumentation, and Post-Graduation Program in Computer Science - Federal University of São Carlos, Brazil

78005 Earth-Satellite Monitoring System for Storage Grains

Jose Pessoa, Embrapa Instrumentação, Brasil

Victor Bertucci Neto, Embrapa Instrumentation, Brazil

Ladislau M. Rabello, Embrapa Instrumentation, Brazil

Sérgio Soares, CRIAR Space Systems, Brazil

Open Discussion

== Session ALLSENSORS/STAAS II == **LIVE**

Session Chair: Paulo Cruvinel - **on Site**

78002 Dimensionality Reduction for CCD Sensor-Based Image to Control Fall Armyworm in Agriculture

Alex Bertolla, Embrapa Instrumentation and Federal University of São Carlos, Brazil

Paulo Cruvinel, Embrapa, Brazil

78004 Use Affordable Sensors to Investigate Aeration and Resistance to Plant Root Penetration for Soil Assessment

Ladislau M. Rabello, Embrapa Instrumentation, Brazil

Paulo S de Paula Herrmann Jr., Embrapa Instrumentation, Brazil

Paulo Cruvinel, Embrapa, Brazil

78006 Real-time Detection and Reconfiguration of Sensors in Agricultural Sprayers Subject to Failures

Deniver Schutz, São Carlos School of Engineering - University of São Paulo, Brazil

Vilma Alves Oliveira, University of Sao Paulo, Brazil

Paulo Cruvinel, Embrapa, Brazil

Open discussion and Closing remarks

Moderator | Paulo Cruvinel, Embrapa, Brazil

== Session ICDS/DASAIT ==

Session Chair: Olga Levina

Introductory

Olga Levina, TH Brandenburg, University of Applied Science. Germany

18001 Exploring the Digital Divide in Workplace Learning: A Rapid Review
Katharina Frosch, Brandenburg University of Applied Sciences, Germany

18002 The Human Side of RPA – Contextualizing Process Actors and RPA Implementation
Olga Levina, TH Brandenburg, University of Applied Science, Germany

18003 Advancing Sleep Research through Dynamic Consent and Trustee-Based Medical Data Processing
Rodger Burmeister, FZI Research Center for Information Technology, Germany

18004 Beyond Connectivity: A Sustainable Approach to Municipal LoRaWAN Infrastructure and Services
André Nitze, Brandenburg University of Applied Sciences, Germany

Open discussion and Closing remarks
Moderator | Olga Levina, TH Brandenburg, University of Applied Science, Germany

== Session DA I ==

Session Chair: Monika Maria Moehring

Introduction

Monika Maria Moehring, Technische Hochschule Mittelhessen, BliZ, Germany

88001 bibGuide - A Modular Audio Guide for the Enhancement of Accessibility in the University Library of the Technische Hochschule Mittelhessen (THM)
Maria Bruno, Technische Hochschule Mittelhessen (THM), Germany

88011 Guidance System for the Blind and Visually Impaired Using Modular, Haptic, and Optical Floor Indicators Combined with an RFID-based Navigation System
Abduaziz Juraboev, Technische Hochschule Mittelhessen University of Applied Sciences, Germany

88005 Digital Magnifying Systems and Voice-Based Tools for Inclusion in Education and Everyday Life
Zeki Öztürk, THM Giessen (BliZ), Germany

Exhibition

== Session DA II ==

Session Chair: Monika Maria Moehring

88007 AI Tools to Support the Realization of Accessible Digital Media
Sanja Grimminger, Goethe-University Frankfurt, Germany
Lino Weist, Goethe-University, Germany
Sarah Voß-Nakkour, Goethe-University, Germany

== Session DA III ==

Session Chair: Monika Maria Moehring

88008 Leveling the Playing Field: A Tutorial on Game Accessibility in Education

Saba Mateen, studiumdigitale, Germany

Paula Wiesemüller, studiumdigitale, Germany

== Session DA IV ==

Session Chair: Monika Maria Moehring

88006 Opening up Diversity-oriented Learning Access via E-portfolios - Opportunities and Challenges

Silke Bock, Technische Hochschule Mittelhessen, Germany

Karin Riedhammer, Technische Hochschule Mittelhessen, Germany

88010 Digital Accessibility in the context of language learning and assessment at our university of applied sciences Mittelhessen

Rose Zeller-Hofer, THM University of Applied Sciences, Germany

== Session DA V ==

Session Chair: Monika Maria Moehring

Introduction

Monika Maria Moehring, Technische Hochschule Mittelhessen, BliZ, Germany

88003 All Inclusive 4.0 | Learning participation - teaching participation

Vicky Engels, Heidelberg University, Germany

Angela Maidhof, Heidelberg University, Germany

88002 Audio-Tactile Graphics for Inclusion in Education, the Workplace and Everyday Life

Monika Maria Moehring, Technische Hochschule Mittelhessen, BliZ, Germany

Ali Guerler, Technische Hochschule Mittelhessen, BliZ, Germany

Sahin Goerenekli, Technische Hochschule Mittelhessen, BliZ, Germany

Exhibition

== Session DA VI ==

Session Chair: Monika Maria Moehring

88004 Digital Inclusion in the European Union: Best Practice of Preparing Digital Accessible Documents in MS Word

Andreas Deitmer, Instituto Universitário de Lisboa (ISCTE-IUL), Business Research Unit (BRU-IUL) and THM - University of Applied Sciences, BliZ -, Portugal and Germany

David Smida, THM Giessen (BliZ), Germany

== Session DA VII ==

Session Chair: Monika Maria Moehring

88004 Digital Inclusion in the European Union: Best Practice of Preparing Digital Accessible Documents in MS Word

Andreas Deitmer, Instituto Universitário de Lisboa (ISCTE-IUL), Business Research Unit (BRU-IUL) and THM - University of Applied Sciences, BliZ -, Portugal and Germany

David Smida, THM Giessen (BliZ), Germany

Open discussion and Closing remarks

Moderator | *Monika Maria Moehring, Technische Hochschule Mittelhessen, BliZ, Germany*

SCSN

== **Session SPACOMM/SCSN** ==

Session Chair: Nadia Kortas

Introduction

Nadia Kortas, Space Communication and Navigation Program, National Aeronautics and Space Administration (NASA), USA

28001 Integrating Satellite Constellation and Mobile Operations for Non-Terrestrial Networks: Preliminary Results of Dynamic Scheduling

Arnau Singla Manau, i2CAT Foundation, Spain

28002 Enhanced Path Reliability through a Cognitive Extension and Contact Graph Routing

Ricardo Lent, University of Houston, USA

28003 Securing DTN Service Provider Networks. Considerations for LunaNet

Alberto Montilla Bravo, Spatiam Corporation, USA

28004 An Overview of Cognitive Networking Demonstrations and Testbeds

Rachel Dudukovich, NASA Glenn Research Center, USA

Open discussion and Closing remarks

Moderator | *Nadia Kortas, Space Communication and Navigation Program, National Aeronautics and Space Administration (NASA), USA*
