



Duke of Wellington

MAY 2024
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V6.4

Showcasing Innovation and Talent

in Stralsund, Mecklenburg-

Vorpommern

Conference Programme



Anglo-German Conference

Prof. Dr. Dr. Sebastian Fuller Ba(Hons) MSc MA(ed) LL.M PGCE FiFL MBA

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Supported by the City Government of Stralsund

INNOVATION and FUTUREPRENEURSHIP® SCHEDULE & VENUE

DAY ONE

29th November 2024

VENUE: Rathaus Stralsund Alter Markt, Loewenscher Saal, also Blended Online

- 12:00 -12:50 Poster Presentation Room Opens,
Light Refreshments Available
Networking
- 12:50 Welcome Speech
His Right Honourable the Lord Mayor of Stralsund Mr. Alexander Badrow
- 13:00 Session I, 5 Presentations on Implementing Innovation in Management
- 14:30 International Panel Discussion (Blended) Chaired by Dr. S. Fuller
- 15:30 Refreshment-Break & Networking
- 16:00 5 Presentations, focussing on innovative implementation of AI in Management
- 17:30 Close of Day One and Sojourn to the Christmas Market

DAY TWO

30th November 2024

Seat of DOW Academic Campus GmbH, Am Fischmarkt 13A, 18439, Stralsund, German

- 10:00- 15:00 Stakeholder Engagement Conference for the Accreditation of DOW University
- 15:00 Close of Conference



INNOVATION and FUTUREPRENEURSHIP©

PRESENTATIONS

Assoc. Prof. Dipl. Ing. Cecília Olexová, PhD.

1st Vice-President of the Academic Senate, Faculty of Business Economics with seat in Kosice, University of Economics in Bratislava

ALIGNING CURRICULUM DELIVERY WITH EMPLOYER EXPECTATIONS THROUGH AI-DRIVEN PERSONALISED LEARNING

André Flemming

Steamergy

CO2-neutrale Kraft-Wärme-Kopplungsanlagen

Dr. Paul Leitao

Director, Mercurio Capital

The Cost of Capital for Start-Ups: A Critical Examination

Prof. Dr. Tomasz Sniegula

Associate Professor ABS

Future of investments in CEE in the face of new global rules and leaders



INNOVATION and FUTUREPRENEURSHIP©

PRESENTATIONS

Prof. Dr. Karsten Happel

ABS London

Bridging Academic Innovation and Regional Growth Establishing the First OOH Program to Foster Regional Excellence and Entrepreneurial Leadership.

Pia Boni

Baltic Incubate

Baltic Incubate, Business Angel Netzwerk für MV

Prof. Dr. Laila Elfangary

Professor- Information Systems Department

Helwan University-Faculty of Computers and Artificial Intelligence, Egypt

Review and Roadmap of AI in Egypt: Trends and Directions Shaping the Future with Fintech

Prof. Dr. Sebastian Fuller

DOW

5 Practical Case Studies of AI in Start Ups



INNOVATION and FUTUREPRENEURSHIP©

PRESENTATIONS

Prof. Dr. Ivan Del Valle

Boston, Scientific, Head of Apsley Labs & Global AI Program Director ✦ Robotics ✦ Data Architecture & Governance ✦ MIT-IBM Watson AI Lab Partner ✦ Ex-Accenture & Capgemini

Advanced Management Applications of AI in global business

Panel Discussion

Chaired, Professor Fuller

Regional and Global Challenges to Implementing Innovation

Professor Dr. Markus Straub

Professor Dr. Ivan Del Valle

Online Greeting from Prof. Dr Inna Kostyrya, MBA, Vice Rector Kiev National University of the Culture and Arts

Dr. Florian Stummer

Head of Telemedicine Research at the Department for Primary Care Medicine, Centre of Public Health, Medical University of Vienna

Use of AI in Primary Care Medicine

Dr. Ali Kamran

ABS, Dubai

Advanced Management Applications of AI in global business

Prof. Markus Straub, Mike Schmidt

Steinbeis Institut

Energieeffizienz für Handel, Handwerk, Industrie und Dienstleistungen / Welche Anforderungen an KMU entstehen aus ESG und CSRD und welche Fördermöglichkeiten gibt es



Poster Presentations

Videos and recorded sessions will be published additionally

Selected Papers will appear in our Journal, Innovation & Futurepreneurship (c)

Nagarjuna Surni: "Methanol-Hubs in der Hanseregion als Strategie zur Dekarbonisierung der maritimen Industrie vorstellen"

Steamergy, "CO2-neutrale Kraft-Wärme-Kopplungsanlagen"

Peter Klein, MBA: "Integrating AI and Blockchain in Manufacturing and Supply Chains: Strategic Opportunities for Poland Over the Next 5 Years"

Peter Klein, a distinguished Cybersecurity researcher at Kaspersky Lab, focuses on blockchain-based security solutions. His innovative protocols have significantly improved the integrity of distributed systems in financial technologies.

Dr. Sarah Taylor: "AI-Driven Public Services: Enhancing Social Equality and Accessibility in Hungary by 2030"

Sarah Taylor, an emerging AI researcher at Philips Healthcare, specializes in computer vision for medical diagnostics. Her deep learning models have improved early detection rates for various cancers.

Dr. James Garcia: "Cross-Border Collaboration in Smart City Development: Lessons from the Czech Republic, Slovakia, and Poland Over the Past 5 Years"

James Garcia, a distinguished Network Engineering researcher at Ericsson, specializes in 6G network architectures. His research is shaping the future of ultra-low latency communication systems for autonomous vehicles.

Dr. Clara Weber: "AI Governance and Ethical Policy-Making: Charting a Framework for Central and Eastern Europe in Alignment with EU Standards by 2028"

Clara Weber, a distinguished Data Science researcher at IBM, is pioneering ethical AI frameworks. Her research addresses bias in machine learning models, promoting fairness and transparency in AI-driven decision-making systems.

Michael Klein, MBA: "Scaling AI for SMEs in Slovakia: Overcoming Barriers to Adoption in the Next 3 Years"

Michael Klein, a distinguished Data Science researcher at General Electric, is revolutionizing predictive maintenance in Industry 4.0. His AI models optimize manufacturing processes, significantly reducing downtime and increasing productivity.



Poster Presentations

Dr. Jan Schneider: "AI's Social Impact on Employment and Skill Development in Rural Romania Over the Next 5 Years"

Jan Schneider, a distinguished Data Science researcher at Bosch, focuses on urban mobility optimization. His AI-driven traffic management systems have significantly reduced congestion in several European cities.

Dr. Matthew Thomas: "A Cross-Border Approach to AI Innovation in Healthcare: Collaborative Strategies for Hungary, Poland, and Romania by 2026"

Matthew Thomas, a distinguished Computational Biology researcher at Genentech, specializes in protein folding prediction. His machine learning models have advanced our understanding of complex protein structures and their functions.

Christopher Martinez, MBA: "Ethical AI in Financial Services: A Comparative Study of Governance Models in Slovakia and the Czech Republic Over the Past 3 Years"

Christopher Martinez, a distinguished Data Science researcher at Siemens Energy, specializes in sustainable energy systems. His machine learning models optimize renewable energy integration in smart grids, enhancing efficiency and reliability.

Emily Moore, MSc: "AI and the Future of Work in CEE: Preparing for Industry 4.0 in Manufacturing and Retail by 2028"

Emily Moore, a distinguished robotics researcher at Siemens, specializes in human-robot interaction. Her groundbreaking work on adaptive learning algorithms has significantly improved collaborative robots in manufacturing environments.

James Smith, MSc: "Empowering Small Farmers in Romania with AI-Enabled Precision Agriculture by 2030: A Case Study Approach"

James Smith, an emerging Computational Biology researcher at Pfizer, focuses on AI-driven drug discovery. His work has accelerated the identification of potential treatments for rare genetic disorders.

Andreas Weber, MSc: "Bridging the AI Divide: Strategies for SME Collaboration and Digital Transformation in CEE by 2025"

Andreas Weber, an emerging Data Science researcher at SAP, focuses on natural language processing. His work on multilingual sentiment analysis is enhancing cross-cultural communication in global businesses.



Poster Presentations

Monika Raith, "Hastion: Interoperable (Paket) Boxen für Flexible Übergaben"

Monika Raith is CEO of Hastion GmbH and a senior project manager working on high level sustainable projects across central Europe

Dr. Anna Klein: "AI and Blockchain in Logistics: Unlocking Supply Chain Resilience in Poland and Slovakia Over the Next 5 Years"

Anna Klein is an emerging researcher in Network Engineering at Cisco Systems. Her work focuses on developing resilient network architectures for IoT devices, enhancing security and efficiency in smart city applications.

Jan Hoffmann, MSc: "AI Governance in Central Europe: Developing Ethical Frameworks for Cross-Border Collaboration by 2030"

Jan Hoffmann, an emerging Quantum Computing researcher at Intel, is developing quantum-resistant cryptography algorithms. His work is crucial for maintaining data security in the post-quantum era.

Sophie Lange, MSc: "Cross-Disciplinary Research in AI and IoT: Transforming Public Infrastructure in Hungary by 2027"

Sophie Lange, a senior Quantum Computing researcher at Microsoft, is developing quantum algorithms for climate modeling. Her work aims to enhance the accuracy of long-term climate predictions.

Michael Lange, MBA: "Combining AI and IoT for Renewable Energy Optimization: A Strategy for the Baltic States by 2030"

Michael Lange, a distinguished Quantum Computing researcher at Google, is at the forefront of quantum error correction. His innovative algorithms have markedly improved the stability of quantum bits, advancing practical quantum computing.

We particularly want to promote the active participation of women in senior management and entrepreneurialism, and to further this will establish the Wellington Ladies in Business Club for our Alumni and the wider public, as an incubator to link investors, creative talent and local government assets.



His Right Honourable the Lord Mayor of Stralsund Mr. Alexander Badrow

Ladies and Gentlemen,

It is a great pleasure to welcome you to the conference “Innovation and Research: New Technologies for a Livable Future” here at our Town Hall in Stralsund. This event is an important step for our city and region, and I am particularly pleased about the initiative of Sebastian Fuller, whose dedication has made this conference possible.



With many inspiring speakers, engaging keynotes, and opportunities for meaningful exchange, the conference provides a valuable platform to explore new ideas and approaches. I am especially looking forward to the dialogue with all of you and to learning from the insights you will share. Such encounters are essential to support Stralsund and the region on the path toward greater innovation and sustainability.

Our goal is not to achieve everything at once, but to take the first steps together and continue to foster dialogue. I look forward to a long-term collaboration and to making the most of the opportunities ahead of us.

I wish all participants an inspiring conference and many insightful discussions.

With kind regards,

Dr. Alexander Badrow
Lord Mayor of Hansestadt Stralsund



For inquiries, contact us.

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