VIDZEME UNIVERSITY OF APPLIED SCIENCES

International Scientific Conference SOCIETY. TECHNOLOGY. SOLUTIONS April 29, 2019

Keynote speakers

Prof. Dr. Agita Līviņa

Talent retain, attraction and required further skills for rural regions

Agita Līviņa is a professor in the Faculty of Social Sciences at the University of Applied Sciences (VUAS), and leading researcher, director of the Institute of Social, Economic and Humanities Research of VUAS, Latvia. She is a chairperson of newly established UNESCO chair on Biosphere&Man in the university. She is an expert of Latvian Council of Science in field of economics and management.

Recently completed and on-going projects include Research grant of Valmiera City council on talent attraction, project on heritage within the context of the balanced development of Latvia by the State Research programme, project Exploring Documentary Heritage for Building Synergies between Research and Society by the State Research programme and several projects on tourism field ordered by industry.

Her research interests are tourism planning, including heritage and protected areas, and talent attraction for small and medium urban areas. She was a Fulbright scholar on research in 2012 at the University at Buffalo, the State University of New York. She received the Fellowship of the Government of India for the International training course in 2014 at the English and Foreign Language University in Hyderabad, India. She has held a PhD in regional economics since 2005 and master degree in Geography (regional development), bachelor degree in environmental sciences.

Research Director Ilkka Lakaniemi

Sustainable National Economy and Knowledge Society in the Era of Intelligent Technologies and Platforms
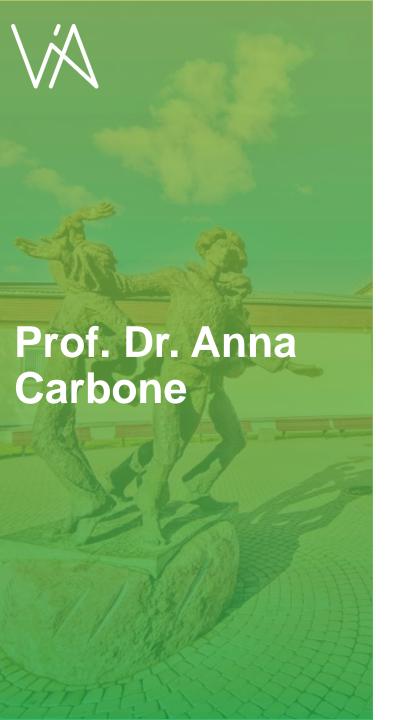

Research Director **Ilkka Lakaniemi** is in charge of CKIR (Centre for Knowledge and Innovation Research), Aalto University School of Business' large-scale research programs for the EU and the Strategic Research Council of Finland. Current projects include EU Large Scale IoT Pilots and Platform Economy. He is the Chairman of the Finnish Information Society Development Centre (TIEKE) working on AI and digital economy.

Lakaniemi also works as a Director of Business Development for Combient, a Finnish-Swedish industry consortium of 28 large corporations sharing best practices in digital transformation. Combient includes companies such as Fortum, Investor, KONE, SEB, StoraEnso and Wärtsilä as members.

In 2000-12, he worked for the Nokia Corporation in various management positions in ventures, strategy and corporate relations. He represented Nokia at multinational organisations such as the UN, the OECD and the World Bank in socio-economic matters e.g. development economics, technology diffusion and the impact of mobility. Prior to Nokia, he was a scholar at the University of California at Berkeley, the United Nations University World Institute for Development Economics Research (UNU WIDER), the University of Helsinki and the University of Edinburgh.

Digital Platforms for Interoperable, Secure and Sustainable Ecosystems

Prof. Dr. Anna Carbone

Anna Carbone directs the Noise and Fluctuations Laboratory at the Applied Science and Technology Department (DISAT). Her research activity deals with modelling of complex systems in a multidisciplinary context. She received the habilitation as Associate Professor in Theoretical/Experimental Physics of Matter(2012) and the habilitation as Full Professor in Theoretical/Experimental Physics of Matter (2016).

Her research activity deals with modelling of complex socio-techno systems in a multidisciplinary context (materials, finance, environment), multidimensional data analysis and stochastic processes, signal-to-noise and detectivity characterization of advanced multispectral Sensors and Imaging Systems. She is currently involved in a number of collaborations with academic institutions very active in the areas of this proposal. She has collaborated with a number of teams in top-universities and research centers worldwide. She has authored several Articles, edited Special Issues appeared in International Peer-Reviewed Journals and Proceedings of International Conferences. She serves as Editor of several International Journals in the area of Statistical Physics and Complex Systems.

Involvement and trends to develop projects based on VR/AR/XR technologies

Assoc. Prof. Dr. Arnis Cirulis

Assoc. Prof. **Arnis Cirulis** holds Dr.sc.ing. since 2012 and he is an expert of Latvian Council of Science in field of Information Technologies.

His research area involves virtual and augmented reality technologies (VR/AR). He is head of master study programme "Virtual Reality and Smart Technologies" and Virtual Reality Technologies laboratory where projects related to industrial training, rehabilitation, urban planning, logistics, tourism and edutainment are piloted.

Thanks to all activities in the field, VR/AR industry partners, experts, enthusiasts and students are brought together in annual international VR/AR hackathon at Vidzeme University of Applied Sciences.

Artificial Intelligence Technology in Smart Learning and Education: Methodologies, Applications and Challenges

Prof. Dr. Abdel-Badeeh M Salem

Prof. Dr. **Abdel-Badeeh M Salem** is a full Professor of Computer Science since June 1989 at Faculty of Science , Ain Shams University, Cairo, Egypt.
In 1996 he moved to the Faculty Computer and Information Sciences. Now he is a professor emeritus since October 2007.

He was a Director of Scientific Computing Center at Ain Shams University (1984-1990). His research includes intelligent computing, expert systems, biomedical informatics, and intelligent e-learning technologies, knowledge engineering and Biometrics.

He has published around 500 papers in refereed journals and conference proceedings in these areas, 91 of them are in Scopus indexed. He has been involved in more than 500 conferences and workshops as a plenary speaker, member of International Program Committees, workshop/invited session organizer and Session Chair. He is author and co-author of 25 Books in English and Arabic Languages.

From Horizon 2020 to Horizon Europe, what changes?

Andrew Janis Folkmanis born and educated in the UK as an engineer, spent the earlier part of his career as consultant in large systems development for high-tech projects, in UK and Germany.

From 1989 for over 20 years he was an official of the European Commission in Brussels, where he held responsibilities in research, telecommunications and IT policy, energy, aviation policy and EU enlargement.

From 2002 to 2012 he was on leave from the European Commission, and has held posts as Adviser to the President of Latvia (2003-2007), Adviser to Ministers of Economy and Environment (2010-2011), Head of Energy at the Council of Baltic Sea States (2003-2006), Senior Adviser at Turquoise Capital (2010-2012).

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See you at the Conference!