



#### The event

- brings together four European Partnerships, the International Data Spaces Association, policy makers, and stakeholders from industry and academia to discuss the role of data quality in context of the European data strategy and
- assesses the major needs of the European industry & society in terms of metrology for digital transformation, that might be addressed by the EURAMET community and within the proposed European Partnership on Metrology.

Chair of the session: Mikko Merimaa, EURAMET General Secretary

## Agenda

Time	Item	Speaker
14:00	Welcome	Jörn Stenger
14:05	EFFRA and the Made in Europe Partnership	Riikka Virkkunen
14:25	ADRA and the AI, Data, and Robotics Partnership	Juha Röning
14:45	<i>Break</i>	
14:55	European Open Science Cloud	Karel Luyben
15:15	International Data Spaces Association	Christoph Mertens
15:35	Panel discussion and Q&A	All
15:55	Wrap up and closing	
16:00	<i>End of event</i>	

## Speakers and panellists

**Jörn Stenger** is EURAMET's Chairperson. Jörn has a PhD in high-energy particle physics. From 1997 to 1999 he worked on Bose-Einstein condensation in Professor Wolfgang Ketterle's group at MIT.

In 1999 he joined PTB to work in optical clock metrology. Since 2009 he has been a Member of the Presidential Board.

From 2010 to 2015 Jörn was EURAMET's Vice-Chair, responsible for the European Metrology Research Programmes.

Professor of Practice **Riikka Virkkunen** promotes the Finnish national RTO VTT's ambition in industrial renewal and in boosting European research in digitalising industries. Riikka is also board member of EFFRA, European Factories of the Future Research Association, and co-chair of the Made In Europe Partnership. With expertise in research and innovation in the area of digital transformation, simulation and optimisation, materials science and nanotechnology she is coordinating the CSA – Coordination and support action ConnectedFactories 2, which creates visions for digitalising manufacturing industries. She is also a member of the core group of the Finnish Artificial Intelligence 4.0 program execution. Riikka Virkkunen obtained her PhD from the Helsinki University of Technology Technical Physics department.

**Juha Röning** obtained his doctorate in technology in 1992 at the University of Oulu, Finland, and since 1983 he has been a faculty member at the University where he is currently Professor of Embedded System. Juha is also the principal investigator of the Biomimetics and Intelligent Systems Group (BISG) which has established a number of spin-off companies such as Codenomicon, Clarified Networks, Atomia, Probot and IndoorAtlas. With a distinguished scientific career and more than 300 papers published, his main research interests are in intelligent systems, including mobile robots, machine vision, and software security. He is active in the EU Horizon 2020 programme where he led the recently completed CS-AWARE project and is currently leading the HYFLIERS project.

In 1983 **Karel Luyben** was appointed full professor in biochemical engineering at the Delft University of Technology. From 2010 to 2018 he was Rector Magnificus at the university where he currently holds the title Rector Magnificus Emeritus. During his career Karel has gained experience in research, starting a SME, and leading European organisations such as the European Federation of Biotechnology and CESAER, the non-profit association of universities of science and technology in Europe. He presently works on open science, being a board member of CESAER, chair of the board of the Dutch Techcentre for Life Sciences, national coordinator for open science in the Netherlands and chairman of the Task Force Open Science of CESAER. Karel is now the president of the European Open Science Cloud Association. Throughout his career Karel has provided consultation services to research organisations, industries and governments in the areas of technology, strategy and policy.

**Christoph Mertens** studied computer science at the Technical University of Dortmund before joining the Fraunhofer Institute for Material Flow and Logistics where he was engaged in the field of business analysis and software selection as well as being involved in research and industry driven projects related to Industry 4.0.

Since 2018 Christoph has been working as Head of Adoption for the International Data Spaces Association (IDSA). The IDSA is a coalition of more than 130 member companies aiming to bring a global standard for international data spaces and interfaces, as well as fostering the related technologies and business models that will drive the data economy of the future across industries.

As Head of Adoption, Christoph is also driving the international hub initiative, which supports the IDSA to bring the IDS approach to national markets and local initiatives.

**Sascha Eichstädt** has been with the German National Metrology Institute, PTB, since 2008, where he is leading the Department 'Metrology for digital transformation'. Sascha holds a PhD in theoretical physics and is interested in measurement uncertainty, signal processing, Internet of Things and sensor network metrology.

He is convenor of the EURAMET working group Metrology for Digital Transformation under the Technical Committee for Interdisciplinary Metrology.