



### **Dr. Sebastian Hallensleben**

Dr. Sebastian Hallensleben is responsible for the interdisciplinary topics "Artificial Intelligence & Digital Trust" at VDE. He oversees the development of digital products and infrastructures as well as digitization as a cross-sectoral design task. He consults and does concept development for the Federal Government and national legislators, the EU Commission, the Council of Europe, the OECD and UNESCO. Dr. Sebastian Hallensleben focuses on authenticity, trust and quality, for example in the development of the „AI Quality & Testing Hub“. He leads the European standardization of artificial intelligence (CEN-CENELEC JTC21) and the IEC panel on "Ethics in AI and Autonomous Systems" and is also the Co-chair of the OECD's ONE.AI expert group, initiator, and chair of the "Trusted Information" working group at StandICT, or the European Observatory of ICT Standardization, and represents the VDE in CAHAI (Council of Europe's body for artificial intelligence). In the past he has worked on dialogue processes between science, economy, and politics (e.g., within the framework of BMBF Foresight) as well as in the development of national and international infrastructure projects for waste, energy and drinking water. Dr. Sebastian Hallensleben holds a doctorate in physics and began his career in IT development and solution architectures in the financial- and telecommunications sectors.

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### **Dr. Emmanuel Kahembwe**

Dr. Emmanuel Kahembwe is Chair of National Robotics Standardization Committee (BSI AMT/10). He is a member of the National Standardization Committee on Artificial Intelligence (BSI ART/1) and part of the European Committee for Electrotechnical Standardization (CEN-CENELEC) WG on Digital Sovereignty. Dr. Kahembwe sits on the Motor Vehicle Working Group at the OECD – AI Policy Observatory. He is an alumni at the University of Edinburgh (MSc & PhD), Heriot-Watt University (PhD), Napier University (BSc). Dr. Kahembwe's affiliations are to the Edinburgh Centre for Robotics and the Heidelberg Laureate Forum. His expertise is AI, Data, Robotics, Autonomous Systems, High Performance Systems, Games Development. He holds positions at CAIO of The AI Quality and Testing Hub, CEO of VDE UK, AI Architect of VDE group.

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### **Kai Zenner**

Kai Zenner is Head of Office and Digital Policy Adviser for MEP Axel Voss (European People's Party Group) in the European Parliament. He focuses on AI, data, and the EU's digital transition. Kai Zenner graduated in political science (M.Sc. at University of Edinburgh, B.A. at University of Bremen) and in law (State Exam at University of Münster), before moving to the European Parliament. He also worked as research associate at the European office of the Konrad Adenauer Foundation in Brussels. Kai Zenner is currently involved in the political negotiations on the AI Act, the AI liability directive, the privacy Regulation and a potential GDPR revision. He is also pushing for reforms within the European Parliament and for bringing back the Better Regulation agenda to EU policymaking.

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### Jessica Fritz

Jessica Fritz is responsible for the topic of Cybersecurity at VDE as an engineer in computer science and manager of digital technologies. Her focus lies on goals and requirements arising from current cyber-attacks, new technologies, as well as policies and political initiatives. She has been a project manager for Industry 4.0 and a standards officer for cybersecurity in the field of industrial automation. Jessica Fritz oversaw the national-level standardization committee for IEC 62443 "Industrial communication networks - Net-

work and system security." She is leading the expert groups on "Smart Home & Building" and "Human-Machine Interaction." and participates as a speaker on various stages and on LinkedIn.

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### **Irina Orssich**

Irina Orssich is working for the European Commission, at the Directorate-General for Communications Networks, Content and Technology (DG CONNECT). She is Head of Sector for Artificial Intelligence Policy. Her responsibilities include regulatory and socio-economic aspects of Artificial Intelligence. She studied law in Freiburg i. Br., European law in Saarbrücken, and passed the second state law examination in Berlin. Previous responsibilities have included posts in the audiovisual sector and as legal adviser for competition and state aid law.

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### **Dr. Michael Rammensee**

Michael Rammensee is the managing director of the AI Quality & Testing Hub GmbH with the Hessian Minister for Digital Strategy and Development and the VDE as a consultant. Michael Rammensee graduated in particle physics in Freiburg im Breisgau in 2009 and carried out doctoral research at the European particle research center CERN until 2015. He holds a position as a data scientist and AI expert at a technology consultancy and an investment company in Frankfurt, as well as the establishment of a startup. Parallely, he developed a training program for future AI system engineers at Goethe University Frankfurt.

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### **Nora Dörr**

Nora Dörr completed her studies in industrial engineering at the Dresden University of Applied Sciences with a practical diploma thesis on the topic of "Development of an application-oriented method for idea evaluation within the framework of idea management at T-System Multimedia Solutions GmbH". Since her studies, she has worked in various industries and positions with a focus on innovation management. Her industry experience includes the fields of aerospace, pharmaceuticals/biotechnology, automotive industry, electrical engineering/electronics, among others. Since 2017, she has been working at VDE, where she has supervised the accompanying research for the BMWi technology program Information and Communication Technologies (ICT) for Electric Mobility, among other things. Nora Dörr is also a freelance lecturer on change, project, and innovation management at several universities throughout Germany and is the author of a textbook on innovation management.

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### Alexander Nollau

The electrical engineer Alexander Nollau was born in Dresden in 1987, is married and has four children. After obtaining his general qualification for university entrance, he trained as an officer in the army's flying service from 2006 onwards. During his training, Nollau obtained a Master of Science in Electrical Engineering at the University of the German Armed Forces in Munich. During his studies he had several research stays at the Technical University of Dresden and at the renowned Lawrence Berkeley National Laboratory, USA of the University of California Berkeley. After leaving active military service in 2011, Nollau completed his doctorate at the University of the Federal Armed Forces in Munich in collaboration with AUDI AG in the field of traction drives for electric cars. Since 2015, Nollau has been responsible for the topics of electromobility and wind energy as project manager at the VDE DKE (German Commission for Electrical, Electronic & Information Technologies). In 2017, Nollau took over as head of the Energy Department. The Energy Department is the center of competence for all aspects of electrotechnical standardization of systems and products along the entire power supply chain - from power generation to transport and distribution of electricity to the consumer, who can also be a producer. In addition to his function at the VDE, Nollau is an appointed member of the Gateway Standardization Committee of the BMWK, a member of the advisory board of the Roadmap System Stability at the BMWK and a member of the World Energy Council

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### **Ferdinand Ferroli**

Ferdinand Ferroli is digital policy expert with a strong focus on responsible technology. He is currently serving as the Director of Policy & Research at IDENTITY Valley. He is heading the non-profit organisation's research agenda related to the Digital Responsibility Goals (DRGs). Ferdinand Ferroli drives forward policy initiatives for a better digital transformation in the European Union and beyond. In his former role as Head of Office for an MEP at the European Parliament he brings extensive experience and expertise in areas such as European digital data policy, political communication, and European law. He is contributing to the negotiation of the European Data Governance Act. Further professional experience includes the European Commission as a Blue Book Trainee in EU communications. Ferdinand Ferroli holds research positions at the European Stability Initiative (ESI), the Austrian Broadcasting Corporation (ORF) and the Institute of State Sciences at the University of Vienna.

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### **Dr. Jens Gayko**

Dr. Jens Gayko works at DKE –the German Commission for Electrical, Electronic & Information Technologies. He holds a doctor 's degree for electrical engineering and studied at the Stuttgart University and Bochum University and graduated on artificial intelligence. Dr. Jens Gayko was a section manager for advanced engineering in the automotive industries and has been active in smart manufacturing/Industry 4.0. Currently, he is Managing Director of the Standardization Council Industry 4.0 (SCI 4.0) and is involved in numerous national and international smart manufacturing activities, being a Project partner of EU Project CIRPASS for DPP, as well as being Convenor of CEN-CLC-ETSI Coordination Group Smart Manufacturing. Dr. Jens Gayko is also member of following key groups: CEN-CLC ad hoc group for standardization request on DPP, and IEC ad-hoc Group 94 Product Carbon Footprint, and the German national platform Industry 4.0

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