



Alexander Nollau

Head of Energy, VDE Standardisation Organisation DKE



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



Dr. Sebastian Hallensleben

Head of Artificial Intelligence & Digital Trust Department VDE, Chairman of Committee AI and Digital Trust EUREL



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.



Elena Santiago Cid

Director General CEN and CENELEC



Mrs Santiago Cid is CEN and CENELEC Director General since 1 January 2010. CEN and CENELEC are two of the three recognized European Standardization Organizations supporting European Policies and Legislation. As Director General, she advises the Boards and implement their decisions. She leads the CEN and CENELEC Management Centre in Brussels (95 staff) and is responsible of the Institutional relations with the European Commission, Council and Parliament, with the EFTA secretariat, with the third European recognised standardization body, ETSI

and with the international standards organizations, ISO, IEC and ITU. Moreover, Mrs Santiago Cid is also Vice-President at the Women4Cyber Foundation. CEN and CENELEC, recog-

nized Standardization Organizations under EU Law, are leading providers of European Standards that are driven by business and made through a transparent, balanced and consensus-based process in which all relevant stakeholders, including societal interest groups and SMEs are involved. CEN and CENELEC abide by the WTO TBT principles and beyond. They adapt proactively to new technology and social developments and support European competitiveness, the protection of the environment and sustainable growth for the well-being of citizens and the strengthening of the Single Market.

CEN and CENELEC actively support international standardization and cooperate closely with the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) in order to foster and promote European competitiveness in the global market. Mrs Santiago Cid graduated in Electronic Engineering from the Polytechnic University of Madrid and has 30 years' experience in standardization.



Jacek Nowicki, Ph.D. (El. Eng.)

Expert – Electrical Power Systems, Nuclear Safety and Security Department, National Atomic Energy Agency, Former EUREL President



Mr Nowicki is an electrical power systems expert in the Nuclear Safety and Security Department of the National Atomic Energy Agency (Państwowa Agencja Atomistyki – nuclear regulatory in Poland) since November 2023. Graduate of the Faculty of Electrical Engineering of the Warsaw University of Technology in 1988. Ph. D. degree in 1996 (thesis subject: “SF6 flows in quenching chamber of high voltage circuit breaker in low-energy arc condition”). Professionally associated for many years with Polish and international companies of the electrical engineering and energy construction industry: ZWAR, ABB, Schneider Electric, VA TECH, Elektrobudowa and Erbud International working in Poland, Kingdom of Saudi Arabia and BeNeLux Countries. In period 2017-23 he was the General Secretary of the Polish Association of Electrical Engineers, 2018-19 President of EUREL.

2018-19 President of EUREL.



Prof. Dr. Michael Bäcker

MaTech-Consult GmbH, ivSupra e.V., NMWP.NRW e.V.



Michael Bäcker studied chemistry at University of Düsseldorf and received his PhD from Max-Planck-Institute for solid state research in Stuttgart. In addition, he holds a master-degree in technical management.

Michael Bäcker has more than 30 years' experience in high-temperature superconductivity. After working for Hoechst, Alcatel and Nexans he joined the Start-Up Trithor for the development and production of superconducting tapes. After the insolvency of the successor Zenergy Power he founded Deutsche Nanoschicht as a management buy-out. By selling the company to BASF New Business, he strengthened the financial background for the development and production of superconducting tapes. After nine years as CEO of Deutsche Nanoschicht he is now a free consultant for material and technology. Actually, he is advising SuperNode Ltd., Dublin, for DC transmission lines, NeutronStarSystems, Munich, for satellite thrusters and Renaissance Fusion SAS, Grenoble, for fusion.

Michael Bäcker is member of the board of the German Association for Superconductivity (ivSupra e.V) and member of the board of NMWP.NRW e.V.. He is honorary professor for nanomaterials, solid state analytics and functional materials at University of Applied Science Bonn-Rhein-Sieg.



Frank Borchardt

Senior Project Manager at Forum Network Technology/Network Operation VDE



Copper got savvy.

Frank Borchardt is Senior Project Manager for Digitalization and Metering at VDE FNN, the Forum Network Technology/ Network Operation with VDE, the German Association for Electrical, Electronic and Information Technologies. He is in charge of implementing the technical regulation for the digitization of distribution networks. This includes the smart meter rollout in Germany, and building a nationwide demand response ecosystem backed on smart meters. As the interface between politics and their industries, VDE FNN plays a significant role in delivering the energy transition.

On the Brussels playground, Frank takes part in the EU DSO Entity expert group for data interoperability. With this expert group, he works on new network codes to leverage the common European framework for future smart distribution networks.

Frank has worked with one of the big German utilities, maturing Smart Metering from its fledgling stages to proven technology in Germany and Central Eastern Europe. Before joining VDE FNN, he was working for European players in the Smart Home/Smart Grid sector.



Galyna Petrushka (Rospopa)

Communication Director, Lvivoblenergo



Galyna Petrushka (Rospopa) is the communications director PJSC Lvivoblenergo (distribution energy company).

She is the head of the corporate affairs department at Lvivoblenergo, where she is in charge of the information policy of the company from the creation of the information policy strategy to the implementation and control of all points of the information strategy. Such as website content, social media content, news brake, contact with journalists, and crisis management. Galyna is also responsible for the call – center Lvivoblenergo, typing building and Museum of the History of Electrification of the region of Lviv. She creates and control communication channel. Previously, she worked as a newspaper journalist on the topics of economy, local self-governance, and regional politics, as a tv reporter, a live-stream host and project creator, project manager, presenter, editor, screenwriter and

journalist for the TV channels. Galyna was also the author, presenter, and manager of the investigation projects.

Galyna holds a degree in journalism from the Lviv Ivan Franko National University and a degree in public administration from the Lviv Regional Institute of Public Administration.



Lyudmyla Polyova

IT Director, Lvivoblenergo



Lyudmyla Polyova is an expert in the automation of production business processes and the implementation of information technology solutions in the energy sector. She is currently serving as the Deputy Director of Information Technology at PJSC Lvivoblenergo, one of the largest electricity distribution companies in Ukraine. She manages IT infrastructure projects, including the integration of operational technology with the core corporate architecture. She oversees the development and implementation of application systems in the energy sector, including the automation of customer relations and the modernization of these systems considering wartime conditions. Lyudmyla Polyova is also a specialist in protecting critical energy infrastructure from cyber threats. Under her leadership, Lvivoblenergo has withstood numerous cyberattacks, including BlackEnergy, Petya, WannaCry, and those targeting Ukraine's energy sector since the beginning of the war.



Agustín Díaz-Pinés

Deputy Head of Unit of the Future Connectivity Systems Unit in DG CNECT



Agustin Diaz-Pines is Deputy Head of the Unit “Future Connectivity Systems” at DG CNECT (European Commission), responsible for the policy and strategic developments in 5G and 6G communication networks as part of the Digital Decade strategy to foster investment, innovation and European leadership in the field. His previous roles at the European Commission include policy development in electronic communications and policy assistant to the Director of Artificial Intelligence and Digital Industry at DG CNECT, and merger review in the telecoms, ICT and media sectors in DG Competition.

Previously he worked as a telecommunications economist at the Organisation for Economic Co-operation and Development (OECD, Paris). He started his career at the Spanish government (State Secretariat for Telecommunications and the Information Society), involved in national and European ICT policy.

Agustin holds a Masters in Telecommunications Engineering from the Madrid University of Technology and a PhD in Management/Economic Sciences from École Polytechnique/Paris-Saclay in Paris (France).



Dr. Stefan Küppers

Chief Technology Officer, Westenergie AG, Vice-Chairman ETG VDE



Dr. Stefan Küppers has been Chief Technology Officer of Westenergie AG in Essen since October 2021. Prior to this, he had been Managing Director Special Technology/Digitalization at Westnetz GmbH since 2013.

He has been a member of the VDE-ETG Executive Board since 2020. From 2015 - 2020 he was Chairman of the FNN Board. He has also been involved in the BDEW PG DSO2.0 since 2015. He is a member of various supervisory boards of Westenergie Shareholdings.

Dr. Stefan Küppers studied electrical engineering at RWTH Aachen University after completing his apprenticeship and high school diploma and earned his doctorate there. He has worked for RWE/innogy/E.ON since 1996.

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