

E★U★R★E★L

Convention of National Associations of Electrical Engineers of Europe

VDE

European Future Technology Summit (EFTS)

Brussels 2024

02.-04.09.2024

European Future Technology Summit Brussels 2024

Programme

Monday, 02.09.2024

- Midday: individual arrival
Hotel: B&B Brussels Centre Louise, Rue Paul Spaak 15 -1000 Brussels
- Early afternoon: official welcome and city tour of Brussels (2 hours)
- Late afternoon: visit of the EU Parliament followed by dinner

Tuesday, 03.09.2024

Topic: Strengthening Resilience of European Power and Communication Networks

- Workshops – CEN and CENELEC - Rue de la Science 23, 1040 Brussels, Belgium
- Official evening event „VDE Summer Reception“ with the kind support of TownHall Europe with impulse and a debate, award ceremony EUREL IMC & PhD Best Paper Award, followed by an invited reception

Wednesday, 04.09.2024

Topic: Strengthening Resilience of European Power and Communication Networks

- Workshops – CEN and CENELEC - Rue de la Science 23, 1040 Brussels, Belgium
- Individual departure – early afternoon

European Future Technology Summit Brussels 2024

Tuesday, 03.09.2024 – Workshops

CEN and CENELEC - Rue de la Science 23, 1040 Brussels

“Strengthening Resilience of European Power and Communication Networks”

Time	Programme
10:00 – 10:40 am	Introduction & Keynote: What do we need for a secure and future-proof Electricity Grid? <i>Alexander Nollau, Head of Energy, VDE Standardisation Organisation DKE</i>
10:50 – 11:35 am	How can AI and Digital Tools potentially used in European Power and Communication Networks can be made safe to ensure Resilience? <i>Dr. Sebastian Hallensleben, Head of Artificial Intelligence & Digital Trust Department VDE, Chairman of Committee AI and Digital Trust EUREL</i>
11:45 – 12:25 pm	How can European Standards strengthen the Resilience of European Power Networks and Grids? <i>Elena Santiago Cid, Director General CEN and CENELEC</i>
12:25 – 1:10 pm	Lunchbreak – Catering <i>Get-Together & Networking</i>
1:10 – 1:55 pm	Nuclear Power and Energy Storage: Pillars of European Energy Resilience <i>Jacek Nowicki, Ph.D. (El. Eng.), Expert – Electrical Power Systems, Nuclear Safety and Security Department, National Atomic Energy Agency, Poland, Former EUREL President</i>
2:05 – 2:50 pm	Superconductivity - Key Technology for the Energy Transition <i>Prof. Dr. Michael Bäcker, Member Board of Directors, ivSupra</i>
3:00 – 3:45 pm	Cross-Border Grid Connections: Ensuring a Stable Trans-European Network <i>Frank Borchardt, Senior Project Manager at Forum Network Technology/Network Operation VDE</i>

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Tuesday, 03.09.2024 – Evening Event „VDE Summer Reception“

TownHall Europe - Square de Meeûs 5-6, 1000 Brussels

Uncertain Times: Between War and Peace. What should a resilient European Energy Sector look like?

Time	Programme
6:00 – 6:30 pm	Admission and Registration
6:30 – 6:50 pm	Welcome and Keynote Markus B. Jaeger , <i>Global Head of Political Affairs, VDE</i> Galyna Petrushka , <i>Communication Director, Lvivoblenergo, Ukraine</i> Lyudmyla Polova , <i>IT Director, Lvivoblenergo, Ukraine</i>
6:50 – 7:30 pm	Debate Dr. Sebastian Hallensleben , <i>Chair of StandICT External Advisory Group and Technical Working Group in Trusted Information EU Commission, Chair Joint Technical Committee 21 “Artificial Intelligence” CEN and CENELEC, AI Expert for UNESCO and OECD</i> Alexander Nollau , <i>Head of Energy, VDE Standardisation Organisation DKE</i>
07:30 – 10:00 pm	Award ceremony followed by a reception EUREL International Management Cup EUREL PhD Best Paper Award

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Wednesday, 04.09.2024 – Workshops

CEN and CENELEC - Rue de la Science 23, 1040 Brussels

“Strengthening Resilience of European Power and Communication Networks”

Time	Programme
09:30 – 10:10 am	How Can Ukraine Enhance Resilience and Protection in Energy Production and Supply? <i>Galyna Petrushka, Communication Director, Lvivoblenergo, Ukraine</i>
10:15 – 10:55 am	Strategic Cyber Attack: How Russia Prepared for the War with Ukraine Years in Advance <i>Lyudmyla Polova, IT Director, Lvivoblenergo, Ukraine</i>
11:05 – 11:50 am	Key Areas for Resilience and Critical Infrastructure Protection: the case of Submarine Cable Infrastructure <i>Agustín Díaz-Pinés, Deputy Head of Unit of the Future Connectivity Systems Unit in DG CNECT</i>
11:55 – 12:40 pm	Improving the Resilience of Power and Telecommunication Networks in Germany <i>Dr. Stefan Küppers, Chief Technology Officer, Westenergie AG, Vice-Chairman ETG VDE</i>
12:40 – 1:20 pm	Lunchbreak – Catering <i>Get-Together & Networking</i>
1:20 – 2:05 pm	Key Areas for Resilience and Critical Infrastructure Protection from Military Point of View <i>Rene Heise (VNC), Innovation Hybrid and Cyber Division, Critical Undersea Infrastructure Coordination Cell, Headquarter NATO</i>

The logo for EUREL, featuring the word "EUREL" in large, bold, blue capital letters. Three yellow stars are positioned between the letters: one between 'E' and 'U', one between 'U' and 'R', and one between 'R' and 'E'.

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VDE

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