



Fagseminar 29. april 2026

Presentasjon av norske artikler til CIGRE hovedsesjon i Paris 2026



Program

Kl	Varighet	Tema	Foredragsholder
09:00	00:20	Registrering	
09:20	00:20	Åpning – CIGRE i Norge og verden	Rannveig Løken, CIGRE og Statnett
09:40	00:20	Energisystemet – utvikling og forskning	Inge Gran, SINTEF
10:00	00:15	Pause	
10:15	00:15	Studying Cold-Start Thermal Response of Oil-Immersed Power Transformers at Low Ambient Temperatures	Mohamed Hassan, NTNU
10:30	00:15	525 kV HVDC Mass Impregnated Cables for 3000 m water depth	Lars Lervik, Nexans
10:45	00:15	Field Experiences with Surface Inspection and Control Algorithms Employed on Extruded HVDC Cable Accessory Installations	Abbas Lotfi, Nexans
11:00	00:15	Cables in ventilated conduits: experimental and numerical study of heat transfer and cable ratings	Kristian Solheim Thinn, SINTEF
11:15	00:15	Vibration monitoring of all phases on Hjørundfjorden fjord crossing – measured differences between phases	Boris Adum, Statnett
11:30	01:00	Lunsj	
12:30	00:20	Energisystemet – utfordringer for bransjen	Tormod Kleppa, Hafslund ECO
12:50	00:15	RAM Analysis of an HVDC Multi-purpose Interconnector for Offshore Wind Integration	Magne Meisingset, Statnett
13:05	00:15	Offshore Transmission Planning – JWG C1/B4.49	Yongtao Yang, DNV
13:20	00:15	Quality and Performance of Reclaimed Mineral Oils	Lars Andreas Eriksson, Hitachi Energy
13:35	00:15	Pause	
13:50	01:15	Postersesjon, alle artikler	
15:05	00:15	Pause	
15:20	00:20	CIGRE – Nytteverdi for industrien	Jens Auset, Hitachi Energy
15:40	00:15	Next Generation Network (NGN) – Hva skjer?	Aurora Opstad, Statnett
15:55	00:05	Avslutning	Rannveig Løken, CIGRE Norge
16:00		Slutt	

Forfattere	Tittel
Hassan, Mohamed	Studying Cold-Start Thermal Response of Oil-Immersed Power Transformers at Low Ambient Temperatures
Enoksen, Ronny	Capacitive humidity sensors for transformer ageing monitoring
Pedersen, Atle	SF6-free switchgear for the future resilient European grid
Lee, Kate	Beyond Go-Live: Key learnings from the data journey of dashboard solutions for enhanced SF6 monitoring
Runde, Magne	Dielectric Strength of XLPE Subjected to Temporary Overvoltages of Different Durations
Lervik, Lars	525 kV HVDC Mass Impregnated Cables for 3000 m water depth
Marius M. Hatlo	Inter Array Cable Rating – Considerations Beyond IEC standards
Gammelsæter, Marte	Hydrogen-cooled superconducting power link
Bengtsson, Magnus	Qualification of 132 kV wet design XLPE cables
Høltø, Jorunn	XLPE cable cores with a new aluminium alloy conductor subjected to ageing in water at high constant temperatures and temperature cycling
Lucignano, Tony	A Practical Approach to Dynamic Operation of the HVAC Submarine Cable System 'Fensfjorden' in Norway
Dikaiakos, Christos	Predictive Modelling of XLPE Cable Systems Using Real-Time Monitoring via Distributed Sensing and Edge Integration in the EASY-DC framework
Eikrem, Pål Are	Mechanical design of dynamic cables for floating wind – Technology Qualification combining testing and cross section modelling
Olsen, Espen	Single End Bonding of submarine 3-core cables – Qualification Testing
Doedens, Espen	Field Experiences with Surface Inspection and Control Algorithms Employed on Extruded HVDC Cable Accessory Installations
Poradowski, Wojciech	Development and Validation of an Improved Cable Thermal Rating Model for Unfilled Trough Installations
Møllerud, Runar F.	Cables in ventilated conduits: experimental and numerical study of heat transfer and cable ratings
Bjørlo, Hedda Raadal	Life cycle assessment of submarine power cables for distribution of offshore wind power to land
Adum, Boris	Vibration monitoring of all phases on Hjørundfjorden fjord crossing – measured differences between phases
Nygaard, Bjørn Egil	A novel approach to the assessment of extreme weather events related to icing
Blanchet, Guilhem	420kV SF6-free GIS Substation Design in the Norwegian Transmission System. Pioneering in new SF6-free Dry type Cable technology interface testing method standardization, implementation and recommendation for substation design.
Meisingset, Magne	RAM Analysis of an HVDC Multi-purpose Interconnector for Offshore Wind Integration
Eie, Mari	Analysis of reliability of Nordic HVDC interconnectors based on DISTAC data from 2016-2022
Yang, Yongtao	Offshore Transmission Planning – JWG C1/B4.49
Hofmann, Matthias	Enhancing Power System Utilisation: Tools and Insights from Norway
Lotfi, Abbas	HVDC Cable–Pipeline Interaction Under Fault Conditions: Induced Currents, EPR, and Safety Implications
Eberg, Espen	Impact of switched voltages from electronic power converters on high voltage insulation systems and components
Eriksson, Lars Andreas	Quality and Performance of Reclaimed Mineral Oils
Hai Pham, Le Nam	Application of Deep Neural Networks for Fault Detection in Modern Power Systems



DEN NORSKE KOMITE FOR CIGRE
THE NORWEGIAN NATIONAL COMMITTEE OF CIGRE

[Link til påmelding CIGRE Fagseminar](#)

29.april 2026, 09:00 – 16:00

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CIGRE hovedsesjon i Paris 2026.**

Sted:

NTNU-Gløshaugen, Auditorium EL 6
O. S. Bragstads plass 2G, Trondheim
<https://link.mazemap.com/kU9mzsTr>

Seminaret er åpent for alle med gratis påmelding.
Det serveres en enkel lunsj til påmeldte deltagere.