



CONFERENCE FOR
WIND POWER DRIVES

CWD 2025

DRIVETRAIN AND SYSTEMS
ENGINEERING CONFERENCE

DSEC 2025

The Center for Wind Power Drives (CWD) and the Center for Systems Engineering (CSE) are pleased to invite you back to Aachen for our co-hosted conferences.

After our successful conferences in 2023, with over 100 live talks and more than 450 participants, the **CWD 2025 & DSEC 2025** will be held from March 11th – 12th, 2025 in Aachen.

CWD 2025 covers the holistic electromechanical drivetrain of wind turbines, and also offers detailed, in-depth views into its subsystems and the idea of making wind energy more sustainable.

DSEC 2025 (formerly ATK) includes the topics around drivetrain technology and machine elements, and also focusses on their (virtual) development methods using systems engineering as well as challenges in terms of circular economy & sustainability.

Call for Papers Open Now!

📍 Eurogress, Aachen

📅 March 11th - 12th, 2025

🌐 cwd-dsec.de

€ 320 + VAT (Speaker Fee)

CWD 2025 TOPICS

Powertrain

Power Electronics

Digitalization

Sustainability

Circular Economy

Call for Papers

Deadline

April 15th, 2024

Accepted Submissions

Research Papers*

Application Papers

Submit Abstracts at

cwd-dsec.de

Any questions?
We're happy to help!
info@cwd-dsec.de

* Peer-Reviewed &
Published in Springer
Journal (FIIN)



DSEC 2025 TOPICS

Systems Engineering

Seamless Model Based Product Development
Product Development for Circular Economy
System Models and Model Libraries
Functional Safety
AI Application in Product Development
Multidisciplinary Design Optimization
Digital Product Passport
SysML v2 - A Step Closer to Application?
MBSE in Practical Application

Drivetrain Technology

Sustainable Drivetrain Concepts
Performance and Efficiency
AI-Supported Condition Assessment
Predictive Maintenance
Noise Vibration Harshness
Digital Twin for Multiple Purposes
Electrification of Drivetrains
Integration of Batteries/Fuel Cells/Electrolyzers

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Machine Elements

Bearings, Sealings, Gears, Couplings, etc.
Wear, Fatigue, Friction and Electric Loads
Surface Engineering
Material-Lubricant Interactions
Sensor Integration and Digitalization
Modeling for Systems Engineering

* Peer-Reviewed & Published in Springer Journal (FIIN)

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Opening Plenary | Panel Discussion
Competitive Situation Wind Turbine OEM

