



# 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 11<sup>th</sup> – 12<sup>th</sup>, 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 closed!

📍 Eurogress, Aachen

📅 March 11<sup>th</sup> - 12<sup>th</sup>, 2025

🌐 [cwg-dsec.de](https://cwd-dsec.de)

€ 320 + VAT (Speaker Fee)

# CWD 2025 TOPICS

**Powertrain**

**Power Electronics**

**Digitalization**

**Sustainability**

**Circular Economy**

## Call for Papers

**Deadline extended**

**April 30<sup>th</sup>, 2024**

**Accepted Submissions**

Research Papers\*

Application Papers

**Submit Abstracts at**

**cwd-dsec.de**

**Any questions?  
We're happy to help!**  
[info@cwd-dsec.de](mailto: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

# Call for Papers

## Deadline extended

April 30<sup>th</sup>, 2024

## Accepted Submissions

Research Papers\*  
Application Papers

## Submit Abstracts at

[cwd-dsec.de](http://cwd-dsec.de)

## 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)

Any questions?  
We're happy to help!  
[info@cwd-dsec.de](mailto:info@cwd-dsec.de)

Opening Plenary | Panel Discussion  
Competitive Situation Wind Turbine OEM

