



## Invitation EtherCAT seminars Denmark 2022



June 14 | Kolding  
June 15 | København  
13:00 - 16:30

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[www.ethercat.org/2022/denmark](http://www.ethercat.org/2022/denmark)

### What is EtherCAT?

- EtherCAT (Ethernet for Control Automation Technology) is the fastest Industrial Ethernet solution that provides industry leading performance, flexibility and cost advantages

### Who should attend?

- This half-day seminar specifically addresses students, end users, system integrators, OEMs, product manager, decision makers and device manufacturers to learn about EtherCAT and Industrial Ethernet, but also the latest trends like Industrie 4.0, IoT and EtherCAT G

### Why attend?

- Learn about the benefits and the challenges of Industrial Ethernet
- Explore and understand EtherCAT technology
- Talk with EtherCAT experts face-to-face, and see how EtherCAT can accelerate your application
- Discover the future of EtherCAT through gigabit performance and the integration of several communication technologies
- Discover how EtherCAT could generate a performance and competitive advantage

### About ETG

- EtherCAT Technology Group (ETG) - the world's largest Industrial Ethernet Fieldbus organization with over 6,600 member companies from 69 countries supporting EtherCAT technology

### Contact

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90482 Nuremberg, Germany

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### Sponsor

**Beckhoff Automation ApS**  
Birkemose Allé 1  
6000 Kolding, Denmark

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Email: [info@beckhoff.dk](mailto:info@beckhoff.dk)

## Speaker | Locations



### ETG Speaker



**Oliver Fels**

Technology Marketing  
EtherCAT Technology Group

Oliver Fels graduated from Furtwangen University at Schwenningen as a Medical Engineer (Dipl.-Ing.) and has been employed by Beckhoff Automation since 2007. He works full time for the EtherCAT Technology Group (ETG) at ETG Headquarters in Germany in the area of Technology Marketing and as a member of the ETG Marketing Committee. For more than 10 years he is serving as a speaker for ETG at the EtherCAT seminars worldwide.

### Locations



**Tuesday | June 14, 2022**

### BECKHOFF

Beckhoff Automation ApS  
Birkemose Alle 1  
6000 Kolding



**Wednesday | June 15, 2022**



Dansk-Tysk Handelskammer  
Kongens Nytorv 26  
1050 København

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## Timetable | Agenda



### Timetable

- Registration on site: 13:00
- Start of seminar: 13:30
- End of seminar: 16:30

### Agenda

- **Why is the fieldbus so important?**
- **Challenges of using Ethernet as a fieldbus**
- **EtherCAT, the Ethernet fieldbus**  
Functional principle
- **How to gain market share with EtherCAT**  
Better quality  
Higher efficiency and throughput  
Lower costs
- **Beckhoff - the EtherCAT company**
- **EtherCAT Casestory: Blaest - Blade Test Centre**
- **Installation, troubleshooting and diagnostics considerations**
- **Safety over EtherCAT**
- **IoT, Industry 4.0, OPC UA, and other technologies**
- **EtherCAT and cybersecurity**
- **EtherCAT G/G10. The roadmap for a bright future!**
- **Summary**
- **Q&A session**



[www.ethercat.org](http://www.ethercat.org)

The EtherCAT Technology Group keeps EtherCAT technology open for all potential users. It brings EtherCAT device manufacturers, technology providers, and users together to further the technology. It provides multiple Technical Working Groups where experts carefully work on various specific aspects of EtherCAT. All of these activities are focused on one common goal: keeping EtherCAT stable and interoperable.

### BECKHOFF

[www.beckhoff.dk](http://www.beckhoff.dk)

Beckhoff implements open automation systems based on PC Control technology. The product range covers Industrial PCs, I/O and Fieldbus Components, Drive Technology and automation software. Products that can be used as separate components or integrated into a complete and seamless control system are available for all industries. The Beckhoff "New Automation Technology" philosophy represents universal and open control and automation solutions that are used worldwide in a wide variety of different applications, ranging from CNC-controlled machine tools to intelligent building automation.

