



## Invitation EtherCAT seminar Iceland 2022



Wednesday, March 16  
13:00 - 16:30  
Reykjavik University (RU)

Organized by:



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

### 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 6,500 member companies from 69 countries supporting EtherCAT technology

### Contact

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### Sponsor

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## Location



**Reykjavík University (RU)**  
Menntavegur 1  
101 Reykjavík  
Iceland

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## Agenda

**Wednesday, March 16, 2022**

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

### Speakers:

- Oliver Fels  
Technology Marketing, EtherCAT Technology Group
- Michael Nielsen  
Managing Director, Beckhoff Automation Denmark

- 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 EtherCAT application
- 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.

