

## 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 seminar specifically addresses 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 TSN, Industrie 4.0 and IoT

## Why attend?

- Learn about the benefits and the challenges of Industrial Ethernet
- EtherCAT information days are educational events from the experts
- Explore and understand EtherCAT technology
- Talk with EtherCAT experts face-to-face, and see how EtherCAT can accelerate your application
- See the EtherCAT roadmap for the future through gigabit performance and the integration of emerging communication technologies, such as TSN
- Participation is free of charge and you are cordially invited

## About ETG

- EtherCAT Technology Group (ETG) – the world's largest Industrial Ethernet & Fieldbus organization with over 5.500 member companies from 65 countries supporting EtherCAT technology

## Invitation EtherCAT seminar Finland 2019



Tuesday, November 5 | Helsinki  
Messukeskus Siipi Conference Centre

Register online today – it's free!  
[www.ethercat.org/2019/finland](http://www.ethercat.org/2019/finland)

Supported by:

**BECKHOFF**

Organizer:

**EtherCAT**  
Technology Group

## Global Contact

**EtherCAT Technology Group**  
ETG Headquarters  
Ostendstraße 196  
90482 Nürnberg, Germany

Phone: +49 911 54056 20  
Email: [info@ethercat.org](mailto:info@ethercat.org)

## Local Contact

**Beckhoff Automation Oy**  
P.O. Box 23  
Hakakalliontie 2  
05460 Hyvinkää, Finland

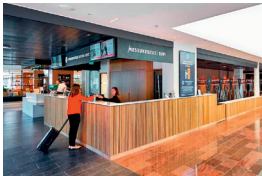
Phone: +358 20 7423800  
Email: [info@beckhoff.fi](mailto:info@beckhoff.fi)

## Date and Location



## MESSUKESKUS

**Tuesday, November 5, 2019**  
Messukeskus Siipi Conference Centre  
Meeting room 208  
Rautatieäisenkatu 3  
00520 Helsinki, Finland



Register online today – it's free!  
[www.ethercat.org/2019/finland](http://www.ethercat.org/2019/finland)

## Agenda

EtherCAT

**Inscription: 8:30**  
**End of seminar: 14:00**

Speakers: Fieldbus- and Ethernet-Experts from the EtherCAT Technology Group and supporting ETG company Beckhoff Automation Oy.

Presentations will be held in English or Finnish language.  
The order and titles of presentations may vary.

- **Ethernet, TCP/IP & Co:**  
Benefits and limitations
- **Understand EtherCAT:**  
Functional principle, technology highlights, adoption rate
- **Integrated safety:**  
Simplify your system with Safety over EtherCAT!
- **EtherCAT P:**  
The 'hybrid' technology enhancement
- **Installation and diagnosis:**  
How to build and maintain an EtherCAT network
- **XFC:**  
EtherCAT enabling better manufacturing processes
- **The future today:**  
How EtherCAT enables the digital transformation
- **How to use EtherCAT for winning business**
- **Technology outlook (What's next?):**  
EtherCAT G + G10

## Sponsor



## BECKHOFF

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.

### Beckhoff in Finland

In addition to its headquarters in Hyvinkää, Beckhoff also operates in Tampere, Seinäjoki and Oulu. All offices have sales, technical support, training, product development, applications and maintenance. In addition, there is a warehouse in Hyvinkää. Beckhoff has been operating in Finland since 1986, first through a representative and since 2000 as a Beckhoff company.

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