

# EtherCAT – The Ethernet Fieldbus.

## 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?

- These full-day seminars specifically address end users, system integrators, OEMs, product manager, decision makers and device manufacturers to learn about EtherCAT, Industrial Ethernet, TSN and Safety. EtherCAT P (which combines communication and power in one cable) will be presented as well.

## 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
- 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 4,500 member companies from 65 countries supporting EtherCAT technology!



Register online today – it's free!  
[www.ethercat.org/2017/uk](http://www.ethercat.org/2017/uk)



## Local Event Contact

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## Global Contact

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

## Invitation

# EtherCAT Seminar Series United Kingdom 2017



December 5 | Bristol  
December 6 | Sheffield

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Supported by: **BECKHOFF**

Organizer: **EtherCAT**  
Technology Group

## Dates and Locations



**Dec 5, 2017 | Bristol**  
Centre for Modelling and Simulation (CFMS)  
Bristol & Bath Science Park,  
Dirac Cres, Emersons Green,  
Bristol BS16 7FR



**Dec 6, 2017 | Sheffield**  
AMRC Knowledge Transfer Centre (KTC)  
5TZ, Brunel Way,  
Catcliffe,  
Rotherham S60 5WG

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## Agenda



**Registration: 9.00 am**  
**End of Seminar: 4.00 pm**

Speakers: Fieldbus- and Ethernet-Experts from the EtherCAT Technology Group and supporting company Beckhoff. Note: The order and titles of presentations may vary.

- 9.00 Registration, Table Top Exhibition**
- 9.30 From Ethernet to EtherCAT: Why change a winning team?**  
Martin Rostan, Executive Director,  
EtherCAT Technology Group
- 10.15 EtherCAT Technology Introduction: How does it work?**  
Martin Rostan, ETG
- 11.00 Coffee Break, Table Top Exhibition, Ask the Experts**
- 11.30 EtherCAT enabling better manufacturing processes**  
Beckhoff UK
- 12.00 Buffet lunch, Table Top Exhibition, Ask the Experts**
- 1.00 Installation and Diagnosis: Taking advantages of the features!**  
Martin Rostan, ETG
- 1.30 Topology Options, boosted with EtherCAT P**  
Martin Rostan, ETG
- 1.45 EtherCAT Application**  
Beckhoff UK Customer
- 2.05 EtherCAT and Industry 4.0**  
Martin Rostan, ETG
- 2.25 EtherCAT and TSN**  
Martin Rostan, ETG
- 2.40 Coffee Break, Table Top Exhibition, Ask the Experts**
- 3.10 User Benefits: Winning customers with EtherCAT**  
Martin Rostan, ETG
- 3.55 Q&A**

## 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.

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