

EtherCAT Technology Group Members

01 September 2004

ETG Technical Committee Meeting September 16, 2004

Dear ETG Members,

as announced in the last news mail, the next ETG Technical Committee Meeting will take place on Thursday, the 16th of September. Again it will be a very practical meeting with the intention to support your EtherCAT implementation. The focus will be on the way the process data communication is organized and implemented. Slave software code sections will be explained. Of course your feedback and suggestions are encouraged and most welcome.

Topics that will be covered include

- CANopen over EtherCAT process data mapping and device description, e.g.:
 - How to assign the Sync Manager Channels
 - The data mapping mechanism, start up and configuration
 - Process data in the object dictionary
 - How to describe the process data content and location in the XML device description
- CANopen over EtherCAT minimum functionality, e.g.:
 - What do I have to support (mandatory functions), what is optional?
 - minimal SDO protocol implementation
- Process Data Transmission, e.g.:
 - Data Layout
 - Cycle time
 - Access mechanisms
 - Interrupt behavior

The meeting is intended for all of you that work or plan to work on an EtherCAT slave software implementation, but will be interesting for master implementers as well. Hardware implementation will not be in the focus.

The next more generic **EtherCAT training class** will take place on **October 5th, 2004**, at the same location. It will be a detailed training session on EtherCAT technology and protocols in general, an invitation follows soon. The Technical Committee Meeting in September will **not** include such a generic EtherCAT introduction.

The meeting starts at 10:30 a.m., coffee will be provided from 10 a.m. on. **End of the meeting will be 4:30 p.m.** You find details regarding the location below. Presentations will be held in English, if non German speaking members sign up.

Please register as soon as possible in order to help us with the organisation. Registration deadline is Friday, Sept 10th.

If you have any questions please do not hesitate to contact me.
Best regards,

Martin Rostan
Executive Director
EtherCAT Technology Group

ETG Technical Committee Meeting September 16, 2004

Location:

Mercure Hotel Wings Airport Residenz Rhein Main,
Anton-Flettner-Strasse 8, 65479 RAUNHEIM, GERMANY
Phone: +49 6142 79-0; Fax: +49 6142 791791
http://www.mercure.com/mercure/fichehotel/gb/mer/2204/fiche_hotel.shtml

The hotel is located close by the Frankfurt airport and has 417 air conditioned rooms. Ideal traffic routes to Frankfurt, Mainz and Wiesbaden. Fitness area with sauna and solarium, Laundromat, parking garage. All rooms are bright and friendly furnished, alternatively French or Twin bed, mini bar, telephone, Pay-TV, modem port.

Since the ETG membership is free of charge, the meeting costs are covered by the participants.

Meeting costs are charged by and directly payable at the Hotel.

Special Room Rate: 84€ incl. Breakfast
— only if you want to arrive early or stay the night after the meeting

The Meeting Package includes

- Meeting room charge (Air Conditioned Room)
- 2 Coffee Breaks
- Drinks in the Meeting Room
- Lunch incl. 1 drink
- Parking or Airport Shuttle



how to get there:

by Train:

Take Train to Frankfurt Airport and Shuttle bus from there (Departures see below). Or: S-Bahn to Raunheim (S8,S9), ca. 1 km from Hotel. S-Bahn leaves Frankfurt Main Station track 103 every 15 minutes (:02 :17 :32 :47), arrives 20 minutes later.

by Car:

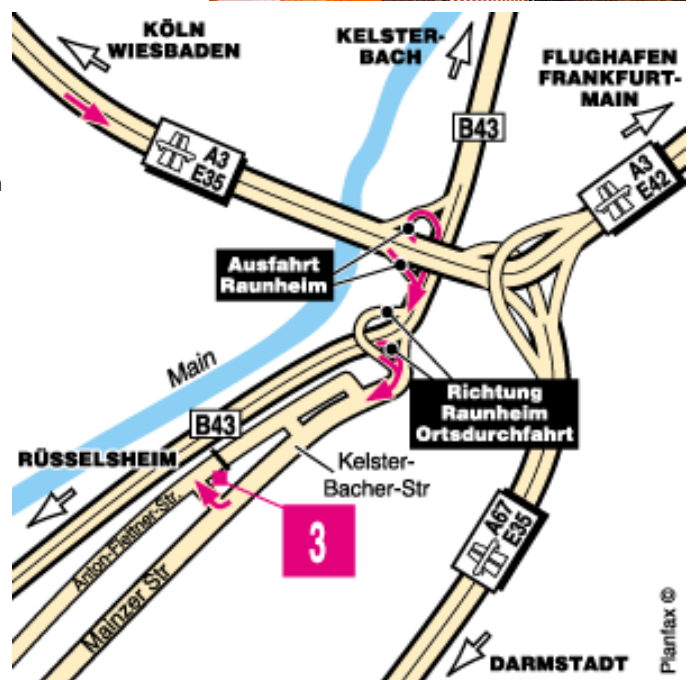
A3 exit Raunheim, -> "Raunheim/Ortsdurchfahrt", turn right 2000m after town sign into Moselstr.- the Hotel is signposted.

by Plane:

take Shuttle bus from Frankfurt Airport Terminal 1, Hall B, Exit 6, Arrival level, Bus takes about 25min.

Departures:

08:05; **09:05**; **10:05**; 11:05; 12:05;
13:05; 14:05; 14:55; 15:55; 16:55;
17:55; 18:55; 19:55; 20:55; 21:55



ETG Technical Committee Meeting September 16, 2004

Registration Form (please use one copy for each attendee)

return by fax or mail to:

EtherCAT Technology Group
 Ostendstr. 196
 90482 Nürnberg
 Germany

Fax 0911 54056-29

Name	
Company	
Address	
Phone	
Fax	
E-Mail	

Yes, I want to join the ETG Technical Committee Meeting. Please book for me (tick boxes):

Meeting Package 16.9. (including Lunch with 1 Drink) 43 €

Room (Sept 15./16.) (including Breakfast)* 84 €

Room (Sept 16./17.) (including Breakfast)* 84 €

Room Preference*: smoking non-smoking

remarks:

Date, Signature _____

Please register as soon as possible. Registration deadline: Friday, Sept 10th, 2004. * Subject to availability
 All charges payable directly at the Hotel. Please note that cancellations can only be accepted until Sept 10th, 2004.