

EduNet World Conference 2013

**2 – 4 September 2013,
Phoenix Contact Electronics,
Bad Pyrmont, Germany**

EduNet

International Education Network –
a PHOENIX CONTACT Initiative

Monday, 2 September 2013

Dress code: casual

Arrival to Bad Pyrmont

7:00 pm Welcome and dinner in restaurant "Bavarian Platzl" in Bad Pyrmont
(Heiligenangerstr. 2-4, 31812 Bad Pyrmont, Germany)

→ Restaurant next to Hotel Steigenberger

Tuesday, 3 September 2013

Dress code: business formal

8:15 am Transfer from Hotel Sonnenhof in Lügde

8:30 am Transfer from Hotel Steigenberger in Bad Pyrmont

8:45 – 9:00 am **Registration**

9:00 – 9:10 am **Welcome** **Prof. Dr. Gunther Olesch**
Phoenix Contact GmbH & Co. KG,
Germany

9:10 – 9:20 am **Welcome** **Klaus Hengsbach**
Phoenix Contact GmbH & Co. KG,
Germany

9:20 – 9:40 am **Future of automation** **Wolfgang Reich**
Phoenix Contact Electronics GmbH,
Germany

9:40 – 10:00 am **Operational benefits of EduNet
for Sales** **Ulrich Leidecker**
Phoenix Contact Deutschland
GmbH, Germany

10:00 – 10:20 am **Growing markets mean a
growing network** **Andreas Rossa**
Phoenix Contact GmbH & Co. KG,
Germany

10:20 – 10:30 am **Official announcement of a new EduNet member –
Signing ceremony**

10:30 – 10:45 am **Coffee Break and Exhibition**

EduNet communication 4.0		
10:45 – 11:00 am	EduNet Learning Management System – ELMS - Benefits	Yuliya Makarova FH Düsseldorf, Germany
11:00 – 11:15 am	Benefits of networking in EduNet – Best practices	EduNet members
11:15 – 12:45 am	Working in groups	Alexander Zoll train GmbH, Germany, with accompanying trainers
12:45 am – 1:45 pm	Lunch in Phoenix Contact Electronics` company restaurant	
1:45 – 2:00 pm	Group photo	
2:00 – 2:30 pm	Preparation of results of group work Moderator: Alexander Zoll, train GmbH, Germany, with accompanying trainers	
2:30 – 3:30 pm	Presentation of results of group work Moderator: Alexander Zoll, train GmbH, Germany, with accompanying trainers	
3:30 – 4:00 pm	Coffee Break and Exhibition	
4:00 – 4:30 pm	Closing session	Alexander Zoll train GmbH, Germany Klaus Hengsbach / Antje Güse Phoenix Contact GmbH & Co. KG, Germany
5:00 pm	Bus transfer to the hotels	

Evening program

6:15 pm	Transfer from <u>Hotel Sonnenhof</u> in Lügde
6:30 pm	Transfer from <u>Hotel Steigenberger</u> in Bad Pyrmont
7:00– 10:00 pm	“Magic & Comedy” – Dinner at Phoenix Contact Electronics (Dringenauer Str. 30, 31812 Bad Pyrmont, Germany)
10:00 pm	Bus transfer to the hotels

Wednesday, 4 September 2013

Dress code: business casual

8:15 am	Transfer from <u>Hotel Sonnenhof</u> in Lügde
8:30 am	Transfer from <u>Hotel Steigenberger</u> in Bad Pyrmont

9:00 – 9:20 am	Industrie 4.0	Hans-Jürgen Koch Phoenix Contact Electronics GmbH, Germany
9:20 – 9:40 am	Intel Ethernet Controller I210 meets PROFINET / TPS-1 Evaluation Board	Gunnar Lessmann Phoenix Contact GmbH & Co. KG, Germany
9:40 – 10:00 am	Wireless in Industrial Automation	Frank Hakemeyer Phoenix Contact Electronics GmbH, Germany

10:00 – 10:30 am	Coffee Break and Exhibition
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SESSIONS

	Session A	Session B
10:30 – 11:00 am	Heat Pump Control with Phoenix Contact Devices Attila Trohak University of Miskolc, Hungary	E-Learning-Platform PIT Felix Mayer TU München, Germany
11:00 – 11:30 am	The design and implementation of PROFINET I/O device based on TPS-1 chip Xisong Chen Southeast University, China	Web-based simulation of Mechatronic Systems Prof. Reinhard Langmann FH Düsseldorf, Germany
11:30 – 12:00 am	Teaching a subject on safety. Goals, course scheduling and results Reyes Poo/Felipe Mateos University of Oviedo, Spain	Industrial Security Henk Capoen University Gent, Department Kortrijk, Belgium
12:00 – 12:30 am	Communication between - ILC130ETH PLC - Virtex 5 FPGA through TCP/IP protocol Ignacio Bravo, Alfredo Gardel University of Alcalá, Spain	Object Oriented PLC Programming IEC 61131++1 Víctor Gonzalez, Felipe Mateos University of Oviedo, Spain

12:30 am – 1:30 pm	Lunch in Phoenix Contact Electronics` company restaurant
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1:30 – 2:00 pm	Automation of process control laboratory using ProfiNet I/O Michel van Dessel / Marc Jacobs Thomas More - Campus de Nayer, Belgium	Gaming – How an industry today influences tomorrow’s industrial human-machine interaction Eugen Schenfisch Phoenix Contact Electronics GmbH, Germany
2:00 – 2:30 pm	Large-scale research and training plants versus single work stations Benedikt Lücke inIT - Institute Industrial IT Hochschule Ostwestfalen-Lippe, Germany	Implementation of a PID Controller with setpoint weighting and robust autotuning function by means of PC WORX Birgit Steffenhagen FH Stralsund, Germany

2:30 – 3:00 am	Coffee Break and Exhibition	
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3:00 – 3:30 pm	Structure and concept of Industry Trainings	Wolfgang Reich Phoenix Contact Electronics GmbH, Germany
3:30 – 4:00 pm	Conclusions for 2014 and Farewell	Klaus Hengsbach / Antje Güse Phoenix Contact GmbH & Co. KG, Germany Wolfgang Reich Phoenix Contact Electronics GmbH, Germany

Late afternoon and evening program

Group A

4:00 pm	Bus transfer to inIT in Lemgo
5:00 – 6:30 pm	Visit of inIT - Institute Industrial IT (Langenbruch 6, 32657 Lemgo, Germany) and laboratories of the University of Applied Sciences East-Westphalia-Lippe (HS OWL) (Liebigstraße 87, 32657 Lemgo, Germany)
7:00– 11:00 pm	Dinner in restaurant “Teutonenhof Externsteine” in Horn-Bad Meinberg (Am Kral 1, 32805 Horn-Bad Meinberg)

Group B

4:00 pm – 6:00 pm	Guided tour of Phoenix Contact production in Bad Pymont (Automation and Interface) (Dringenauer Str. 30, 31812 Bad Pymont, Germany)
6:00 pm – 7:00 pm	Bus transfer to Horn-Bad Meinberg
7:00– 11:00 pm	Dinner in restaurant “Teutonenhof Externsteine” in Horn-Bad Meinberg (Am Kral 1, 32805 Horn-Bad Meinberg, Germany)

Thursday, 5 September 2013

Departure - Individual transfers

Contact Details

Conference Location

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Contact persons

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