

Congress partner:

FESTO

OWI maschinenbau
Dr. Weidauer, Lipp

Invitation to the

14th Industrial Communication Congress

on 15th and 16th September 2009
in Bad Pyrmont

Ensure your competitive edge with IT-powered automation

Strengthening and improving one's market position has become more important than ever before in the current economic situation.

The starting point is concentration on one's core competence and joint development of solutions; Festo and Phoenix Contact provide an example of this with their valve island with an integrated PC Worx controller.

Another starting point is mechatronics, the use of which results in considerable reduction in engineering costs and time. Options for this have been described by the OWL Maschinenbau innovation network.

Energy-efficient components and applications also provide options for strengthening and improving one's market position. For this purpose, manufacturers and user companies have a say in discussing the current status of their requirements and solutions for energy-efficient systems.



Comprehensive lecture program

Within the scope of the **14th Industrial Communication Congress**, Phoenix Contact will be giving exciting presentations on **IT-powered automation**. Lectures by users for users as well as an exchange of experiences with colleagues from the same field are an important part of the event this year. Phoenix Contact and partners look forward to meeting you!

Accompanying trade exhibition

Visit the exhibition in between the lectures. During these breaks, you can experience live the components and systems the speakers are talking about. Take a look at the impressive functions and the unique advantages of the numerous hardware and software solutions.

The following companies look forward to meeting you:

Festo AG & Co. KG

Innominate Security Technologies AG

INTERBUS Club Deutschland e.V.

KW-Software GmbH

MAZeT GmbH

OWL MASCHINENBAU

PHOENIX TESTLAB GmbH

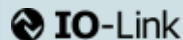
PHOENIX CONTACT GmbH & Co. KG

Rittal GmbH & Co. KG

SÜTRON electronic GmbH



Ethernet



WLAN

Presentations

Tuesday, 15 September 2009

Maxwell Room

- 10:00** Optionally before the event:
- **Workshop on energy data acquisition**
Reduce costs – Determine, evaluate and analyze energy measured values
 - **Workshop on safe teleservice**
Diagnostics and remote monitoring via Internet
 - **Site visit**
-
- 12:00** Official start of the event with the trade exhibition
-
- 13:00** **Welcome address**
Klaus Eisert, PHOENIX CONTACT GmbH & Co. KG
-
- 13:20** **Presentation on “Strategic Foresight – Trends and future of automation”** Volker Bibelhausen, PHOENIX CONTACT ELECTRONICS GmbH
-
- 14:00** **Efficient automation – The importance of economic factors for an optimum complete solution**
Werner Reichelt, Festo AG & Co. KG
-
- 14:30** **Safe production – New safety concepts in system engineering**
Peter Klüger, KUKA Roboter GmbH
-
- 15:00** Coffee break
-
- 16:00** **Reliable protection – Modernization of a painting system with INTERBUS Safety**
Frank Bergemann, Mercedes Benz Ludwigsfelde GmbH
-
- 16:30** **Checking the malfunctions – Online acquisition of machine data**
Dr. Ingo Fricker, Hettich Holding GmbH & Co. oHG
-
- 19:00** **Evening event with accompanying program**

All presentations held in the Maxwell Room are translated into English/German.

Tesla Room

- 13:00** **Video coverage of the welcome address and the presentation from the Maxwell Room**
-
- 14:00** **Open standards – Compact controllers for decentralized water solutions**
Marcel Rep, Imtech Infra B.V.
-
- 14:30** **Seamless communication – Future-oriented processes in plastic processing**
Marco Siekmann, digicolor GmbH
-
- 15:00** Coffee break
-
- 16:00** **Advantages and benefits – Use of IO-Link in packaging machines**
Frank Moritz, SICK AG
-
- 16:30** **Accurate navigation – Modular fulfillment of individual requirements for control systems in mechanical tunnel engineering**
Ole Neumann, Atcetera, on behalf of VMT GmbH



Presentations

Wednesday, 16 September 2009

Maxwell Room

- 08:30 Welcome address**
Klaus Eisert, PHOENIX CONTACT GmbH & Co. KG
- 08:50 Presentation "Strategic foresight – Trends and future of automation"** Volker Bibelhausen, PHOENIX CONTACT ELECTRONICS GmbH
- 09:30 Small things – great benefits? Importance of mechatronic applications**
Dr. Eduard Sailer, Miele & Cie. KG
- 10:00** Coffee break
- 10:30 Advanced automation – New opportunities in leak testing process**
Formenti Davide, Bonfiglioli Engineering Srl
- ■ ■ **Main topic: Energy efficiency**
- 11:00 Web-based automation – Acquisition of production data and error messages at the VW plant Kaluga**
Dr. Steffen Wolf, Volkswagen Coaching GmbH
- 11:30 Economical power and cooling solutions – Uniform concepts for the physical infrastructure of a computer center**
Jörg Kreiling, Rittal GmbH & Co. KG
- 12:00** Break for lunch
- 13:30 Uniform description of production systems – Method transfer from product development**
Dr. Frank Breitenbach, EDAG GmbH & Co. KGaA
- 14:00 Podium discussion "Energy efficiency in practice"**
Moderation Ronald Heinze, Chief Editor VDE Verlag
- 15:00** The event can be followed by a **guided tour of the site** (separate registration)

All presentations held in the Maxwell Room are translated into English/German.

Tesla Room

- 08:30 Video coverage of the welcome address and presentation from the Maxwell Room**
- 10:00** Coffee break
- 10:30 Decentral installation – Valve island concepts with PC Worx for automobile production**
Philipp Hoppe, Festo AG & Co. KG
- ■ ■ **Main topic: Security**
- 11:00 Requirement-oriented protection – Industrial network security in practice**
Roland Geißler, Propius GmbH
- 11:30 Safe networking – Firewalls and database communication in automation**
Asmund Hey, ZF Sachs GmbH
- 12:00** Lunch break
- 13:30 Remote and safe connection – Safe online service on land and at sea**
Stefan Quast, MAN Diesel SE



Register now!

Online: www.phoenixcontact.de/icc2009

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Fax: 0049 (0) 52 35 / 31 07 99

Event location: Innovation Center Electronics

Phoenix Contact Electronics GmbH
Dringenauer Str. 30
31812 Bad Pyrmont



The registration fee is €295.00 plus VAT for one or both days of the congress. The fee includes lunch and refreshments as well as attendance at the evening event on 15 September 2009.

As soon as your registration has been processed, you will receive a confirmation letter, plus directions and a list of hotels.

Please note that the deadline for registration is **1 September 2009**.

The program is subject to change.



Interesting program of accompanying events

■ Workshops – Discovering solutions together

The current energy price development has yielded a more accurate monitoring of energy consumption in the field of machine and system engineering. Increase your energy efficiency via consumption analysis. Practical exercises show how!

High-performance teleservice offers are a must for machine and system engineering for keeping industrial systems economic, up-to-date and productive. After a theoretical introduction, you can have a live demonstration of your remote monitoring application via Internet.

Use our workshop offer before the congress for an exchange of experience with automation experts!

■ Podium discussion –

Discussing experiences constructively

Ronald Heinze, Chief Editor of VDE Publishing House, will lead a podium discussion with users, manufacturers and university representatives on solutions for increasing the energy efficiency in industrial production. Participate actively!

■ Evening event –

Seeing unknown horizons

400 years ago, Galileo Galilei pointed a telescope towards the sky for the first time. In honor of this anniversary, the world is celebrating 2009 as the International Year of Astronomy. The history of this innovation and its great importance for research will be explained by Prof. Dr. Dieter B. Herrmann, founding director of the Zeiss planetarium in Berlin, during the evening event. Take a look at the stars with him.

