

Location: AUTOMATICA Forum
"Automation in Dialogue"
Hall B1, Stand 139

Time: 10 June 2010
15:00 - 16:00 h

Panel discussion:
**Green Automation – Can automation open the door
to a green future**

*Dr.-Ing. Josef Papenfort, Product Manager TwinCAT,
Beckhoff Automation GmbH*

Brief biography

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| Since Sept 2003 | FH Südwestfalen, Soest
Lecturer at FH Südwestfalen, Soest – Lecture, internship on topic of field busses and sensor/actuator bus systems |
| Since Feb 1997 | Beckhoff Automation GmbH, Verl
Software developer and Product Manager for TwinCAT |
| May 1992 – Jan 1997 | Schneider Automation, Seligenstadt
Software developer and Deputy Department Head |
| Dec 1991 – Apr 1992 | KABE Datentechnik, Paderborn
Software developer |
| Nov 1986 – Sep 1991 | University of Paderborn, Paderborn
Member of scientific staff |
| Jul 1991 | Doctorate
Degree: Doctor of Engineering |
| Oct 1980 – Oct 1986 | Studied Electrical Engineering, Paderborn
Degree: "Diplom Ingenieur" (Masters equivalent) |

Beckhoff Automation company profile

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.

The central divisions of Beckhoff, such as development, production, administration, distribution, marketing, support and service are located at the Beckhoff Automation GmbH headquarters in Verl, Germany. Rapidly growing presence in the international market is taking place through subsidiaries in Austria, Belgium, Denmark, Finland, France, Italy, Norway, Poland, Russia, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom as well as in Australia, Brazil, Canada, China, India, South Africa, the United Arab Emirates and the USA. Through worldwide co-operation with partners, Beckhoff is represented in more than 60 countries.

Since the foundation of the company in 1980, continuous development of innovative products and solutions using PC-based control technology has been the basis for the continued success of Beckhoff. Many automation technology standards that are taken for granted today were conceptualised by Beckhoff at an early stage and successfully introduced to the market. The Beckhoff PC Control philosophy and the invention of the Lightbus system, the Bus Terminals and TwinCAT automation software represent milestones in automation technology and have become accepted as high-performance alternatives to traditional control technology. EtherCAT, the real-time Ethernet solution, makes forward-looking, high-performance technology available for a new generation of leading edge control concepts.