

# Welcome to the REV2008 Conference!

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## Current REV newsletter highlight:

Keynote address by Dr. Norbert Kuschnerus

### Asset Management and Maintenance for Process Analyzers

#### Abstract:

Process Analyzers are crucial for the production processes of the chemical industry. Therefore more and more online analyzers are used in order to get timely information about the chemical composition on different stages of the production process. This includes aspects such as product quality, yield, energy efficiency, production capacity, waste water and environmental control and safety.

Highly available analysis values require automated analyzer systems with maintenance concepts based on asset management.

Analyzer automation and asset management including system self diagnosis with detail visualization provides:

- early maintenance request messages to reduce system failures
- a minimum of personnel required for preventive maintenance
- trouble shooting support
- remote access and status information for efficient first level failure qualification.

The presentation describes the concept of automation and asset management for process analyzers based on examples and gives an idea of the added value of this concept.

#### Short biography:



Norbert Kuschnerus graduated with a university degree in physics from the University of Hamburg in 1978. He received his PhD in Chemical Engineering from the Technical University of Karlsruhe in 1984 for his research in the field of supersonic rarefied gas flows. Joining Bayer in 1985 he worked in various departments as process control systems engineer and plant engineer. He was head of the Central Engineering group at Bayer in Japan from 1992 to 1995 and worked from 1995 to 2001 in the Engineering department of the business unit Polyurethane in Germany for projects Brazil, USA,

Japan, Singapore and China

Since 2002, he has lead the Division of Process Management Technology at Bayer Technology Services. He is president of NAMUR (international user association of automation technology in process industries), co-editor of atp and member of the advisory board for the INTERKAMA (leading trade fair for process automation).

#### Read more about the Bayer Technologies Services:

- Homepage of Bayer Technologies Services  
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#### Have a look at

- [ICL2008](#) , 24 - 26 September 2008 in Villach, Austria
- [IMCL2008](#) , 16 - 18 April 2008 in Amman, Jordan
- [ICBL2008](#) , 03 - 05 November 2008 in Florianopolis, Brazil
- [IJOE](#) - International Journal of Online Engineering

#### Important dates

- March 23, 2008:** Proposals for workshops, tutorials, demos, exhibitions  
**April 25, 2008:** Notification of acceptance  
**June 01, 2008:** Camera-ready due  
**June 23/25, 2008:** Conference REV2008

#### For your planning

**REV2009 will be held in Bridgeport, USA, June 2009**