

Welcome to the REV2008 Conference!

Current REV newsletter highlight:

Keynote address by Rüdiger Theis

Joyful Automation

Abstract:

As "automators" we pursue the goal of ensuring predictable processes and giving the operator absolute control over the equipment. Naturally the automator is overjoyed when he or she succeeds in constructing a new piece of equipment along the above lines.

But does this apply as well to the operator of the equipment? Is the rugged predictability not simply too boring over the long run? Is it enough to counter the boredom by making use of remote control to monitor many systems at a time from a single master display? To understand how the division of work is optimally accomplished between man and an automated system, we need to know not only the possibilities of the machines, but also how people tick.

Much discussion is devoted to the limitations and mistakes made by people, but too little to the question of what actually makes us happy as human beings. As engineers we need here systematic criteria for developing a piece of equipment or system that also gives joy to the operator.

Recent research on the brain is providing the first clues to the human happiness mechanisms. One ingredient seems also to be the element of surprise. So allow yourself to be surprised about what specific possibilities for "joyful automation" have occurred to the author.

Short biography:



In 1977 together with his fellow student Reinhard Wiesemann Dipl.-Ing. Rüdiger Theis developed a small computer based on the then new Z80 processor. 1978 to 1983 studied mechanical engineering. Beginning in 1983 renewed cooperation with Reinhard Wiesemann and as of 1986 Partner and Managing Director of **Wiesemann & Theis GmbH**.

Development of interface converters for printers, serial interfaces and TCP/IP Ethernet. For the past several years involvement with the "Web-IO" product line. Component manufacturer direct for automation tasks. Since 2003 member of the Board of Directors of the **Winzig Foundation**, which is involved in the question of the coherent life ("Salutogenesis"), currently supporting both brain research and groundbreaking, small practical projects.

Read more about Wiesemann&Theis and the Winzig Foundation:

- Homepage of Wiesemann & Theis GmbH
<http://www.wut.de>
 - Homepage of the Winzig Foundation
<http://www.winzig-stiftung.de>
-

Supported by





In cooperation with:



• 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

June 01, 2008: Camera-ready due

June 23/25, 2008: Conference REV2008

For your planning

REV2009 will be held in Bridgeport, USA, June 2009