



ETFA 2008

13th IEEE International Conference on

Emerging Technologies and Factory Automation

15 -18 September 2008, Hamburg, Germany

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Program of the ETFA 2008 Industry Day September 15, 2008

The Industry Day will be focused on two key standards for factory automation: IEC 61131-3, which defines programming languages for Programmable Logic Controllers, and IEC 61499, which defines a generic architecture for the use of function blocks in distributed industrial process measurement and control systems. The focus is on recent developments and further extensions. Please find the detailed program below or in the PDF file.

Participation in the Industry Day is recommended for both:

- Control developers and managers from industry to get informed about the current trends in industrial control architectures and programming;
- Researchers in academia and industry to discuss needs and directions for further research.

Participation in the Industry Day is free for all who have registered for the ETFA 2008 conference. If you want to participate only in the Industry Day, see registration details at http://www.etfa2008.org/ETFA_2008/Registration.html

At the end of the Industry Day, shuttle buses will bring the ETFA conference participants from the conference site to the [welcome reception](#) in the Hamburg Town Hall.

Further information is available at www.etfa2008.org.



ETFA 2008

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Time	Program
09:00 AM - 10:15 AM	Registration
10:15 AM - 10:30 AM	Welcome James Hung (IEEE Industrial Electronics Society), Alexander Fay (HSU)
10:30 AM - 10:45 AM	IEC 61499 – an introduction Allan Martel / Antonio Valentini OOONEIDA
10:45 AM - 11:05 AM	ISAGRAF, a success story based on both the IEC 61131 and IEC 61499 standards Julian Chouinard ICS-Triplex
11:05 AM - 11:25 AM	4DIAC-IDE and FORTE: two IEC-61499 based open source projects Thomas Strasser PROFACTOR
11:25 AM - 11:45 AM	Session ID1 New developments and implementations based on the IEC 61499 standard First commercial IEC 61499 native based engineering tool & its current application domains Horst Mayer NXTControl
11:45 AM - 12:05 PM	Development of a compliance profile for the IEC-61499 standard Wilfrid Lepuschitz TU Wien
12:05 PM - 12:20 PM	IEC 61499 based application for food supply chain tracking/tracing Valeriy Vyatkin University of Auckland
12:20 PM - 12:30 PM	IEC 61499 – further prospects Antonio Valentini OOONEIDA
12:30 PM - 01:00 PM	Lunch break
01:00 PM - 01:30 PM	IEC 61131-3 and PLCopen: what do we bring? Eelco van der Wal PLCopen
01:30 PM - 02:00 PM	Session ID2 IEC 61131-3, motion control and safety Logic and motion united for ease of use Klas Hellmann Phoenix Contact
02:00 PM - 02:30 PM	The integration of safety in the development process Andreas Otto KW-Software
02:30 PM - 03:00 PM	Coffee break
03:00 PM - 03:30 PM	IEC 61131-3: exchange via XML Marga Marcos Univ. of Bilbao
03:30 PM - 04:00 PM	Session ID3 IEC 61131-3 – current and future developments PLCopen Benchmarking: Positioning the controllers Thomas Baier Logi.cals
04:00 PM - 04:30 PM	IEC 61131-3: extensions for future standardisation Dieter Hess 3S-Software
04:30 PM - 05:00 PM	Plenary discussion moderated by Georg Frey (TU Kaiserslautern)
05:00 PM	Closing Alexander Fay (HSU)

