

Workshop
“Operating Systems in Measuring Instruments and
other software problems in Legal Metrology”
at PTB in Berlin

Date: November 17th and 18th, 2010

Venue: Physikalisch-Technische Bundesanstalt
Abbestr. 2-12, 10587 Berlin, Germany
Hermann-von-Helmholtz-Bau,
Plenary Room

Chair: Dieter Richter, PTB

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Registration: Please register for the Workshop by sending the filled registration form to the Conference Office via e-mail

Hotels: Please, make your own reservation. A list of hotels near PTB is attached.

Deadline for Registration: November 10th, 2010

Registration fee: **150 €** (except speakers)

Ways of payment

- Cash at workshop venue (preferable way)
 - Bank transfer (prior to November 11th, 2010)
 - Receiver: Helmholtz-Fonds
 - Reason of payment: PTB WS OS / Name of participant **(Please, necessarily use this abbreviation and the name in order to correctly relate the bank transfers)**
- Dates for transfer from Germany: Deutsche Bank München
BLZ 700 700 10
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- Dates for transfer from abroad: **IBAN: DE22700700100173238700**
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Aim of the Workshop

With an increasing tendency, standard operating systems are embedded in measuring instruments. This is advantageous for manufactures and users of the instruments, on the one hand, but raises questions with respect to the assurance of legal metrology requirements, on the other hand. Flexibility gained by operating systems can be contradictory to fixing characteristics of an instrument by type certificates.

The aim of the workshop is to bring together experts from different disciplines and to discuss above mentioned and other problems and approaches for solutions.

The workshop is supported by WELMEC and Helmholtz-Fonds e.V.

Preliminary Workshop P r o g r a m m e

Wednesday, November 17 th		Thursday, November 18 th	
from 11:00	Registration	9:00	Standards and Auditing: Do's and Dont's Marcel Kisch, KPMG AG, Germany
12:00	<i>Lunch</i>	9:40	The Way from Essential Requirements of MID to Specific Guidance in WELMEC Guide 7.2 related to Operating Systems Dieter Richter, PTB, Germany
13:00	Welcome and Introduction Dieter Richter, PTB, Berlin	10.20	A Testing Scheme for Operating Systems used in Measuring Instruments Ulrich Grottke, PTB, Germany
13:10	The Challenge of Operating Systems Embedded in Measuring Instruments for Legal Metrology Florian Thiel, PTB, Germany	11.00	<i>Coffee break</i>
13:50	IT Security and IT Controls from an Audit Perspective Marcel Kisch, KPMG AG, Germany	11.20	Single Chip Microcontroller Limitations and WELMEC Guide 7.2 Petr Klapetek, ČMI, Czech Republik
14:30	Establishing Trust in Operating Systems Gerald Krummeck, atsec information security GmbH, Germany	12.00	Software and Enforcement Dick Lodders, Verispect BV, Netherlands
15:10	<i>Coffee break</i>	12.40	<i>Lunch</i>
15:30	Operating System Security: Common Criteria Operating System Protection Profile - Considering WELMEC Guide 7.2 Matthias Intemann, BSI, Germany	13.40	Experiences from Specific Acceptable Solutions in applying WELMEC Guide 7.2 Yannick Nouel, LNE, France
16:30	Different Software Validation Schemes – Impact on Costs and Quality Norbert Greif, PTB, Germany	14.20	Experiences with the Application of WELMEC Guide 7.2 Heike Wippich, PTB, Germany
17:10	Use of External Certificates (Preliminary Title) Harry Stolz, PTB, Germany	15.00	Concluding Summary and End of Workshop
17:30	<i>End of the First Day of the Workshop</i>		

Each presentation is assigned a total of 40 minutes including 5 minutes at least for discussion unless otherwise noted.