

Monday, June 12, 2006

Symposium / Tutorial

Conference Room: Conference Hall "Großer Saal"

08:00 - 08:30	<i>Registration (conference office)</i>	
08:30 - 08:45	Welcome by the Leader of the Optics Division of PTB	Riehle
08:45 - 08:55	Welcome - Introduction	Goodman
08:55 - 09:00	Logistics	Sperling
Session 1: Introduction to GUM and examples based on Draft report CIE TC2 - 43 Chair: Sperling		
09:00 - 10:00	Fundamental idea and limitations for use in MRA and quality systems like ISO/IEC 17025, type A or B of uncertainty evaluation as probability distributions, modeling of measurement procedures, sensitivity and correlations coefficients, combined, expanded uncertainty and degrees of freedom.	Sauter
10:00 - 10:30	<i>Coffee break</i>	
10:30 - 11:40	Examples for a modeling of properties and procedures like the indication of a meter, the distance and mechanical alignment, the electrical operational conditions, the monitor technique etc. presented as modules for a formulation of measurement equations as linear models.	Sauter
11:40 - 11:55	<i>Break</i>	
11:55 - 13:00	Combination of modules to models for the determination of selected quantities in photometry and the evaluation of sensitivity coefficients by analytical, numerical and statistical methods including the regarding of correlations from statistical, logical and analytical knowledge. Discussion on reported subjects and further needs.	Sauter
13:00 - 14:00	<i>Lunch</i>	
Session 2: Uncertainty evaluation for special subjects Chair: Goodman		
14:00 - 15:00	Uncertainties in distribution temperature and correlated colour temperature	Gardner
15:00 - 15:45	Uncertainty calculations examples in Key Comparison	Ohno
15:45 - 16:15	<i>Coffee break</i>	
16:15 - 17:00	Monte Carlo Method: Why, how and advantages	Siebert
17:00 - 17:30	Discussion and future activities	Goodman
17:30 - 17:35	Information / programme	Sperling
17:35	<i>End of Tutorial</i>	

Evening event (tour tickets required):

18:50 – 21:00	On the river Oker with rafts. Interesting sightseeing tour with a solid raftsman snack.	Meeting Point: Embarkation point at the Kurt-Schumacher-Str. 25
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