

**Metrology Research Institute Dr's Club  
Minutes of the meeting**

**21.05.2008**

**MRI DC meeting 11.04.2008 14:45 – 17:00**  
Metrosert AS, Tallinn, Estonia

Participants:

Antti Pietiläinen (Chairman)  
Petri Kärhä (Secretary)  
Goëry Genty  
Jari Hovila  
Erkki Ikonen  
Toomas Kübarsepp  
Antti Lamminpää  
Farshid Manoocheri  
Mart Noorma  
Markku Vainio

**1§ Formalities**

Antti Pietiläinen, as the chairman, opened the meeting, welcomed everybody and thanked Toomas for hosting the meeting. Petri Kärhä acted as the secretary.

**2§ Round the table discussion**

People briefly presented what they have done during the recent times:

Toomas Kübarsepp works with the Metrosert as a Development Manager. Toomas gave an introductory presentation on the activities of Metrosert for those who arrived to the meeting with the day boat, after the excursion.

Farshid Manoocheri works with the Metrology Research Institute as a Teaching Research Scientist. His main research topics include fluorescence and IR-technologies.

Jari Hovila works with the Finnish Meteorological Institute as a Project Configuration Manager of O3M SAF project (<http://o3msaf.fmi.fi/>). His work includes coordination of the project documentation, supervision of the satellite data archive, and development of user services.

Erkki Ikonen works 50% of his time with MIKES and 50% with MRI. Recently he has been a lot involved with the European Metrology Research Program (EMRP). He is the chairman of the scientific committee of the Newrad conference.

Goery Genty works with the Technical University of Tampere as an Associate Senior Researcher. He will be appointed as a docent this spring. His work at TUT includes lecturing and research in e.g. nonlinear optics.

Markku Vainio works with the University of Helsinki as a Researcher. His work includes laser spectroscopy.

Antti Lamminpää works as a Research Scientist with the VTT Optical Instruments in Micronova, Espoo. His research topics include sensors for industrial needs and imaging interferometers.

Petri Kärhä works with the Metrology Research Institute as a Teaching Research Scientist. His work presently includes lots of teaching. He is in charge of the teaching of electrical measurements techniques. He has also lots of administrative duties. His latest research interests include effects of UV radiation on materials and measurements of LEDs.

Antti Pietiläinen works with the Nokia Siemens Networks (NSN) as a Senior Specialist. He is one of the leading specialists in packet synchronization issues. He also gave an interesting lecture for the participants on what is packet synchronization.

Mart Noorma is working with the Tartu University. He has taken himself a challenging goal to make Estonia a space nation. He is searching for opportunities to get Estonian instruments to satellites. His other research interests include thermal cameras and environmental factors.

### **3§ Organizational changes in TKK**

Petri and Erkki briefly gave an overview on the organizational changes in TKK. The Department for Electrical and Telecommunications Engineering as such does not exist anymore. It now belongs to the Faculty of Electronics, Communications and Automation. The former laboratory does not exist either. It has been combined as a research group in the Department of Signal Processing and Acoustics. The research group still calls itself the Metrology Research institute and has quite wide autonomy, so in practice these changes have no effect on the MRI DC. The whole TKK will shortly unite with the Helsinki School of Economics, and the University of Art and Design Helsinki, to form the new Innovation University.

### **4§ Observer members**

Erkki introduced an idea that the persons who will shortly (<1 a) graduate from the MRI could already be involved in the club meetings as observer members. The subject was lengthily discussed, it was both supported and opposed, and finally the proposal was rejected.

### **5§ Next meeting**

Place and time for the next meeting was discussed. The next meeting will be arranged around early February 2009. For the place, there were two options, MIKES in Espoo and the Tampere Technical University. After discussions, MIKES was chosen. It was considered that a meeting in the capital area is needed to reactivate the members. For the next meeting Tampere is a strong candidate.

### **6§ Conclusions**

The official meeting was closed after which there was a dinner in a local restaurant called Scotland Yard.

Signatures

Antti Lassila  
Chairman

Petri Kärhä  
Secretary