

## **MRI DC Meeting 12.03.2015 VTT-Mikes, Espoo**

18:00 – 19:30

### Attendants:

Erkki Ikonen  
Petri Kärhä (Secretary)  
Antti Lassila (Host, Chairman)  
Farshid Manoocheri  
Jari Hovila  
Mikko Puranen  
Jouni Envall  
Hannu Talvitie  
Mikko Merimaa  
Maija Ojanen  
Saulius Nevas  
Toomas Kübarsepp  
Martti Heinonen  
Markku Vainio  
Tuomas Poikonen  
Jeremias Seppä

## **Opening**

Antti Lassila welcomed all and opened the official meeting at 18:15.

## **Round the table discussion**

Antti Lassila works with VTT-Mikes length as team leader in length. Half of the work of length team is realization of length units and related dissemination by calibrations for Finland and abroad, and the other part is research projects e.g. for EMPIR and ESA. Acts as the chairman of the EURAMET Technical Committee of Length for a while.

Saulius Nevas left the laboratory to Laser Zentrum Hannover in 2005, and later to PTB Braunschweig in 2006. Started with Photometry and now leads group 4.11 of spectroradiometry that does e.g. spectral irradiance, and applying tuneable lasers to various tasks. As a working place PTB has some differences as compared to MRI.

Toomas Kübarsepp started in lab in 1993 and graduated in 1999. After moving back to Estonia, he started managing national standards laboratories. Currently works with Metroser as R&D manager. As a side job, teaches at Tallinn Technical University four courses on Metrology. Leads a research group of a couple of students. Has a small company selling trap detectors.

Hannu Talvitie works with Vaisala since 1998. Started with technology and development but later changed to business development in 2006. Varied works including strategy and business development. Photographs still actively.

Maija Ojanen works with VTT-Mikes since 2010 carrying out calibrations on mass and radiation thermometry. Contact person in Technical Committee of Mass. Lectures Mittaustekniikan perusteet for MRI as a side job.

Mikko Merimaa works with VTT-Mikes managing the research portfolio. Research is considered at VTT as investment. Should not do research anymore but still has some activities such as being responsible of the official time of Finland. Has one more kid since last meeting totaling 4.

Petri Kärhä works with Mikes-Aalto as a Senior University Lecturer. Teaching is renewed at Aalto quite thoroughly, so he is building a new course “Elektroniikkapaja” to replace some of the labs earlier teaching. Teaching at aalto is nowadays more professional and students take studying seriously. New courses bring practicality into teaching. On research side, biggest projects include UVIADDEM, a project studying UV degradation of materials, and EMRP Atmoz, where the lab develops Ozone measurement techniques. Has recently bought a “new” car, Ford Taunus 17M 1964.

Erkki Ikonen pointed out that MIKES has always been the stable side and Aalto has changed, now it is vice versa. Situation at Aalto is currently stable. Mikes is going through changes after merging with VTT.

Martti Heinonen leads the environmental group at VTT-Mikes. Got his degree in 1999. Involved in teaching e.g. with Estonia.

Markku Vainio worked since graduation in Canada and Helsinki University for a while. Now works at VTT-Mikes in the environmental group with e.g. spectroscopy. Still does occasionally some lecturing.

Jouni Envall worked since graduating with NIST and in Tartu University. Works since 2011 with FMI on projects related with Electric Solar Wind Sail for satellites. ESTcube-1 launched in May 2013 (in Vienna) failed. Aalto-1 will be launched in 2015.

Tuomas Poikonen works in the laboratory since 2007, graduated as a Dr. in 2012. Responsible for photometry. Research on LEDs and OLEDs. Preparing a PRT.

Mikko Puranen still works at Kone. Working with TEKES project “Mile High” seeking solutions for upto 1-km high lifts.

Farshid Manoocheri is with Mikes-Aalto as Staff Scientist. Works with spectrophotometry and various EMRP projects. Has remarried recently.

Jari Hovila works at FMI since 2007 with satellite projects. Works with two satellite projects as technical manager. Work includes document control and data archiving. A bit worried about YT-neuvottelut going on.

Jere Seppä joined MIKES 8 years ago, and graduated few months ago in 2014. Research is related with nanometrology. Got his first child one week ago.

Tuomas Hieta canceled his attendance on last minute due to a son. Congratulations!

## **Discussion**

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## **Next meeting**

Let's ask Antti Pietiläinen. Hannu Talvitie offered Vaisala as Plan B. In about one year.

## **Closing and conclusions**

Antti closed the meeting at 19:30. After this, there was sauna and dinner consisting of salad and sausages fried in the fireplace.

Petri Kärhä  
Secretary

Antti Lassila  
Chairman