NMLK and Eurachem are arranging a joint workshop on measurement uncertainty (MU) for chemical food and feed analysis. The relation between MU and bias, target MU, MU in sampling, MU in non-destructive analytical methods and in multicomponent analytical methods will be discussed.

**Preliminary Program**

**29 September**

13.00 - 13.30 Registration / coffee
13.30 - 13.45 Opening remarks
13.45 - 14.15 What is MU, and what is the relation between MU, bias and precision? General aspects. 
Joakim Engman, National Food Agency, Sweden
14.15 - 15.00 MU and bias Bertil Magnusson, SP, Sweden
15.00 - 15.30 Coffee/tea break
16.30 - 16.00 MU in sampling Astrid Nordbotten, National Food Authority, Norway
16.00 - 16.30 MU in multi component methods Joakim Engman, National Food Agency, Sweden
16.30 - 17.00 Target MU, determining fitness for purpose – setting Standard Method Performance Requirements Roger Wood, UK
19.00: Dinner

**30 September**

09.00 - 09.15 Uncertainty estimation from QC and validation data using the free software MUkit
Bertil Magnusson, SP, Sweden
09.15 – 10.15 Practical examples on the following topics as introduction to round table discussions on:
a) MU including bias, b) MU in sampling
10.15 - 10.30 Coffee/Tea break
10.30 - 11.45 Round table discussions
11.45 - 12.30 A sum up of the discussions
12.30 - 13.30 Lunch
13.30 - 14.00 MU in non-destructive analytical methods as NIR, IR
Wolfhard Wegscheider, University of Leoben, Austria
14.00 - 14.30 On-line course "Estimation of measurement uncertainty in chemical analysis" Ivo Leito, University of Tartu, Estonia
14.30 - 14.45 Coffee /tea
14.45 - 15.15 Decision making (compliance assessment) based on results with MU
Lorens Sibbesen LabQuality International, Denmark
15.15 - 15.45 Summing up