



NMKL / EURACHEM WORKSHOP ON MEASUREMENT UNCERTAINTY
29-30 SEPTEMBER 2014 AT IDA CONFERENCE CENTER IN COPENHAGEN, DENMARK

NMKL 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 during the 1.5 days workshop.

Draft 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 *Tuija Philström, 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 - 15.00: Presentation(s) to be confirmed
 15.00 - 15:15: Coffee /tea
 15.15 - 15.45: Decision making (compliance assessment) based on results with MU
Lorens Sibbesen LabQuality International, Denmark
 15.45 - 16.00: Summing up

