

Tuesday November 10th

Seminar Elemental analyses

Seminar Program

9:30 – 10:00 Reception with coffee and Tea

10:00 – 10:15 Welcome and Introduction Salm en Kipp and Velp

10:15 – 10:45 Kjeldahl vs Dumas analyses of Protein / Nitrogen

- Introduction of the NDA702 Dumas analyzer
- Protein analyses in Feed and Food samples, recognized and validated by International organizations such as AOAC, AACC, ISO, DIN, etc.....

10:45 – 11:15 Kjeldahl setup

- Overview Velp Kjeldahl systems
- Applications for Kjeldahl

11:15 – 11:45 Coffee / Tea Break

11:45 – 12:30 Element analyses CHNS en O in micro and macro samples

- Introduction EMA 502 CHNS - O micro analyzer
- Introduction EMA 402 XL CHNS macro analyzer
- Theoretical background and operation
- Application development, sample prep, sample introduction and detection

12:30 – 13:15 Lunch

13:15 – 14:00 Carbon and Nitrogen analyses

- Introduction of the CN802 CN Macro analyzer
- Applications for soil and plant materials
- Analyses of TOC in Soil; TOC / TC/ TIC in Soil

14:00 -15:00 Demonstration and explanation in demo lab

15:00 End seminar