

Preliminary programme

Advanced Food Analysis (AFA) 2023

11-15 December 2023

Draft programme as of November 2023 with confirmed and foreseen topics and speakers. Titles are indicative. The position of topics and speakers in the programme is subject to change.

Monday 11 December

Introduction of food analytical techniques

Start of day: 9am

TOPICS	SPEAKERS
PRINCIPLES OF CHROMATOGRAPHY	Hans-Gerd Janssen
BASICS OF MS	Wouter de Bruijn
NMR FOR FOOD ANALYSIS	John van Duynhoven
SPECTROSCOPY	Yannick Weesepeel
ADVANCED NMR	John van Duynhoven
POSTER SESSION	Course participants

Tuesday 12 December

Advanced techniques & data for food analysis

TOPICS	SPEAKERS
ADVANCED CHROMATOGRAPHY AND HYPHENATION WITH MS	Hans-Gerd Janssen
STATISTICS IN DATA ANALYSIS	Laura Righetti
STATISTICS IN -OMICS	Laura Righetti
OMICS I - TRANSCRIPTOMICS & PROTEOMICS	Gaud Dervilly-Pinel
OMICS II – METABOLOMICS	Gaud Dervilly-Pinel
POSTER SESSION	Course participants

Social programme: Course dinner

Wednesday 13 December

Macro- compositional analysis

TOPICS	SPEAKERS
MILK ANALYSIS	Etske Bijl
PLANT CELL-WALL POLYSACCHARIDE ANALYSIS	Henk Schols
PLANT-BASED PROTEIN ANALYSIS	Gijs Vreeke
COMPANY VISIT: UNILEVER	

Thursday 14 December

Small & trace molecule analysis

TOPICS	SPEAKERS
MYCOTOXINS	Stephan Freitag
SENSING BASED ON (BIO)MOLECULAR SELECTIVITY	Gert Salentijn
RESEARCH INSTITUTE VISIT: WAGENINGEN FOOD SAFETY RESEARCH	

Friday 15 December

Applications & career paths in (food) analysis

TOPICS	SPEAKERS
ANALYSIS OF PHENOLIC COMPOUNDS APPLICATIONS OF MS	Nikolai Kuhnert
FORENSICS / SEWER EPIDEMIOLOGY	Fred van Geenen
NATURAL PRODUCT ANALYSIS	Arian van Asten
End of course: 3pm/15.00h	Teris van Beek

>>Draft programme, information subject to change, information on additional sessions will be announced upon confirmation.<<