

# Preliminary programme

## Advanced Food Analysis (AFA) 2023

11-15 December 2023

Draft programme as of August 2023 with confirmed and foreseen topics and speakers. More information will be added later, and the position of topics and speakers in the programme is subject to change.

### Monday 11 December

Introduction to 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

Social programme: Course dinner

### Tuesday 12 December

Advanced analytical techniques & data analysis approaches

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

### Wednesday 13 December

Macro-molecule and compositional analysis

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

## Thursday 14 December

Small & trace molecule analysis

TOPICS	SPEAKERS
SENSING BASED ON (BIO)MOLECULAR SELECTIVITY	Gert Salentijn
ANALYSIS OF PHENOLIC COMPOUNDS RESEARCH INSTITUTE VISIT: WAGENINGEN FOOD SAFETY RESEARCH	Nikolai Kuhnert

## Friday 15 December

Expanding the horizon: Career paths in (food) analysis

TOPICS	SPEAKERS
TITLE T.B.A.	Arian van Asten
TITLE T.B.A.	Fred van Geenen

End of course: 3pm/15.00h

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