



UNIVERSITY OF
CHEMISTRY AND TECHNOLOGY
PRAGUE

&



WAGENINGEN
UNIVERSITY & RESEARCH

Welcome to Recent Advances in Food Analysis (RAFA) 2019

International platform for
education, inspiration, discussion
networking

November 5-8, 2019, Prague

9th International Symposium on**RECENT ADVANCES IN FOOD ANALYSIS**

November 5-8, 2019 | Prague, Czech Republic

Overview of contemporary trends in **ANALYTICAL & BIOANALYTICAL STRATEGIES IN FOOD QUALITY AND SAFETY CONTROL** and discussion on **CHALLENGES / NOVEL APPROACHES IN FOOD AND NATURAL PRODUCTS ANALYSIS**. Following areas related to **RECENT & EMERGING ISSUES** will be addressed within the RAFA 2019 sessions:

- Processing contaminants
- Industrial contaminants
- Pesticide & veterinary drug residues
- Migrants from food contact materials
- Mycotoxins, marine and plant toxins
- Allergens, antinutrients
- Metals & metalloids & speciation
- Healthy nutrients & vitamins
- Flavour significant compounds
- QA/QC & Chemometrics & Big data handling
- Authenticity & food fraud
- Omics in food analysis
- Food forensics
- Microplastics in food
- Novel food bioactives & supplements
- Organic crops & foodstuffs
- Human biomonitoring
- Portable on-site food analysis

KEYNOTE SPEAKERS (tentative list, April 2019):



Dr. Elke Anklam



Prof. Michel Nielen



Prof. Jana Hajslova



Prof. Chiara Dall'Asta



Dr. Carsten Fauhl-Hassek



Prof. Rudolf Krska



Prof. Michael Rychlik



Dr. Michele Suman



Prof. Yongning Wu



Prof. Christopher Elliott



Prof. Saskia van Ruth



Prof. Bruno Le Bizec



Prof. Thomas Knepper



Dr. Kristian Holst Laursen



Dr. Claudia Zoani



Dr. Jeroen Jansen



Prof. Paul Brereton



Dr. Frans Verstraete

PROGRAM AT A GLANCE:

Time / Date	TUESDAY November 5, 2019	WEDNESDAY November 6, 2019	THURSDAY November 7, 2019	FRIDAY November 8, 2019				
7:30-8:30	Registration for the conference	Registration for the conference Vendor seminars (7:45-8:30)	Registration for the conference Vendor seminars (7:45-8:30)	Registration for the conference Vendor seminars (7:45-8:30)				
8:30-9:00	Exhibitor move-in and set-up of the exhibition							
9:00-10:30		Session 3	Session 4	Session 5	Session 21	Session 22	Session 23	
10:30-11:00		Exhibition / Coffee break			Exhibition / Coffee break			
11:00-12:00		Pre-Workshops	Session 6	Session 7	Session 8	Exhibition / Coffee break		
12:00-12:30		Vendor seminars (12:45-13:30)	Lunch			Session 24		
12:30-13:00		Lunch			Closing address, Including Poster Awards			
13:00-13:30		Exhibition / Poster session 1 / Info days / Vendor seminars (13:30-14:15)			Vendor seminars (13:30-14:15)			
13:30-14:00		Exhibition / Coffee break			Dismantling of the exhibition and exhibitor move-out			
14:00-14:30	Opening ceremony	Session 9	Session 10	Session 11				
14:30-15:30	Session 1	Vendor seminars (18:30-19:15)						
15:30-16:00	Exhibition / Coffee break							
16:00-18:00	Session 2							
18:00-18:30	Welcome Cocktail							
18:30-19:00								
19:00-19:30								
19:30-20:00								
20:00-23:00					Symposium Dinner			

SATELLITE EVENTS:

Workshops & Sessions on novel challenges (tentative list):

- **Workshop on "Vibrational spectroscopy and chemometrics for monitoring of food and feed products and contaminants detection,,**

Organised in cooperation with Walloon Agricultural Research Centre (CRA-W), Gembloux, Belgium



- **2nd European workshop on human biomonitoring in food quality and safety**

Organised in cooperation with EU H2020 pan-European project HBM4EU (European Human Biomonitoring Initiative) and experts in the field



- **1st European workshop on microplastics in the food chain**

- **Tutorial on "Data quality and smart data handling in food analysis"**

SATELLITE EVENTS:

Workshops & Sessions on novel challenges (tentative list):

- **1st European workshop on portable food analysis and citizen science**
Organised in cooperation with EU H2020 projects FoodSmartphone (Smartphone analyzers for on-site testing of food quality and safety), PhasmaFOOD (Portable photonic miniaturised smart system for on-the-spot food quality sensing) and experts in the field



Interactive seminar - Be active and learn from each other:

- **Step by step strategies for fast development of smart analytical methods**
Organised in cooperation with experts from UCT Prague, RIKILT WU, Eurofins

SATELLITE EVENTS:

Food authorities' summit, EU and beyond (tentative list):

- Seminar on "Food safety issues beyond the EU: US Perspective", co-organised by the United States Department of Agriculture (USDA)

Organised in cooperation with USDA, USA



- Workshop on "Food Safety in China: Past, Present and Future", co-organised by the China National Center for Food Safety Risk Assessment (CFSA)

Chaired by Prof. Yongning Wu, China National Center for Food Safety Risk Assessment, Beijing, China & Prof. Christopher Elliott, Queens University Belfast, UK and organised in cooperation with EU H2020 project EU-China-Safe (Delivering an Effective, Resilient and Sustainable EU-China Food Safety Partnership)



SATELLITE EVENTS:

EC Reference Laboratories (EURLs) colloquium (tentative list):

- Workshop on "Experiences, achievements and challenges foreseen by EU Reference Laboratories,,



Represented by:

- *European Reference Laboratory for Mycotoxins & Plant toxins, RIKILT Wageningen University & Research, the Netherlands*
- *European Union Reference Laboratory for Pesticide Residues in Fruits and Vegetables, University of Almeria, Almeria, Spain*
- *European Union Reference Laboratory for Pesticide Residues in Cereals and Feeding stuffs, Technical University of Denmark, Lyngby, Denmark*
- *European Union Reference Laboratory for Residues of Pesticides, Single Residue Methods, CVUA, Stuttgart, Germany*
- *European Union Reference Laboratory for Metals and Nitrogenous Compounds in Feed and Food*

SATELLITE EVENTS:

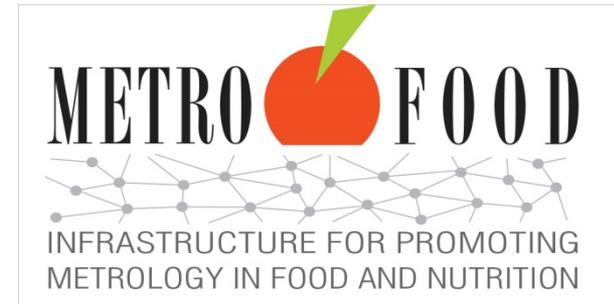
EU projects Info Days, EU framework program workshops (tentative list):

- **RAFA Smart Lab: Smart analysers and applications for on-site testing of food quality and safety**

Information and Demo's on smart analyzers for on-site testing of food quality and safety, 'where the future in food analysis is being made

- **METROFOOD-RI: Workshop on metrology in food and nutrition**

Organised in cooperation with EU Research Infrastructure METROFOOD and experts in the field



- **EU-China-Safe Info Day**

Organised in cooperation with EU H2020 project EU-China-Safe (Delivering an Effective, Resilient and Sustainable EU-China Food Safety Partnership)



- **Collaboration challenges within the EU framework program for research and innovation**

A discussion platform mediating networking and providing opportunities to collaborate in an European Food Research and Innovation Area

SATELLITE EVENTS:

Vendor seminars & Exhibition (tentative list):

- Vendor seminars introducing recent instrumentation and analytical strategies
- Exhibition of modern instrumentation, laboratory equipment, standards/reference materials, and consumables used in food analysis



8th International Symposium on
RECENT ADVANCES IN FOOD ANALYSIS
November 7-10, 2017
CLARION Congress Hotel Prague, Czech Republic

Organized by UNIVERSITY OF CHEMISTRY AND TECHNOLOGY PRAGUE WAGENINGEN UNIVERSITY & RESEARCH

SPONSORS

GOLD Sponsors

Agilent Technologies BRUKER LGC

SHIMADZU Excellence in Science ThermoFisher SCIENTIFIC Waters THE SCIENCE OF WHAT'S POSSIBLE.®

SILVER Sponsors

Cambridge Isotope Laboratories, Inc. isotop.com elementar EXCELLENCE IN ELEMENTS ENTECH INSTRUMENTS f a p r a s

FMS Field Management Systems MERCK phenomenex™ ...breaking with tradition™ RANDOX FOOD DIAGNOSTICS

r-biopharm SCIEX SPEX Europe® SP SCIENTIFIC

unisensor DIAGNOSTIC ENGINEERING

BRONZE Sponsors

AFFINISEP AS Axel Semrau® BIPEA Gerhardt Analytical Systems

GlycoSpot ionSense Cifga merris dispensing & mixing equipment

NEOGEN PROGNOSIS BIOTECH RESTEK ROMER Romer Labs

scienion SepSolve Analytical WATREX UCT ZEU

SPECIAL OPPORTUNITIES FOR YOUNG SCIENTISTS:

- **Ample space reserved in the main program for oral presentations given by young researchers**
- **RAFA 2019 competitive travel grants**
- **Award(s) for the best poster presentation(s)**

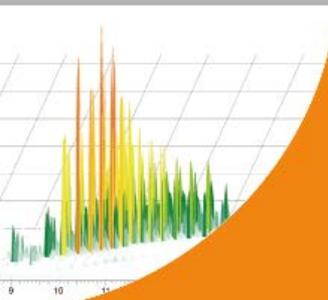
RAFA 2017 in numbers:

- **Almost 750 scientists participated**
- **51 countries from 4 continents represented**
- **138 lectures including 25% presented by young scientists**
- **465 posters presented**
- **41 companies exhibited / sponsored the conference**
- **12 media partners participated**
- **7 poster awards**
- **16 vendor seminars, 6 workshops on novel analytical strategies, 1 educative interactive seminar, 2 events organised by food authorities beyond EU - China National Center for Food Safety Risk Assessment (CFSA) and United States Department of Agriculture (USDA), EU reference laboratories colloquium and SMART LAB (information and demo's on smart analyzers for on-site testing of food quality and safety by FoodIntegrity, FoodSmartphone and PhasmaFood EU projects)**



9th International Symposium on RECENT ADVANCES IN FOOD ANALYSIS

November 5–8, 2019 • Prague, Czech Republic



Sessions Addressing Recent and Emerging (Bio)Analytical Strategies in Food Quality and Safety Control:

- Mycotoxins, marine and plant toxins
- Migrants from food contact materials
- Processing contaminants
- Pesticide & veterinary drug residues
- Industrial contaminants
- Allergens, antinutrients
- Metals & metalloids
- Major nutrients & vitamins
- Flavour significant compounds

- QA/QC & Chemometrics & Data interpretation
- Authenticity & food fraud
- Omics including Foodomics
- Food forensics
- Nanoparticles in food
- Novel food bioactives & supplements
- Organic crops & foodstuffs
- Human biomonitoring
- Smart sensors

www.rafa2019.eu

Symposium chairs:

Prof Dr Jana Hajslova (University of Chemistry and Technology, Prague, Czech Republic)
Prof Dr Michel Nielen (Wageningen University & Research, The Netherlands)



RAFA 2019 Deadlines:

- | | |
|--------------------|--|
| June 17, 2019 | Application for Young researcher travel grant |
| | Application for participation as a Sponsor or Exhibitor or Media partner |
| July 15, 2019 | Abstract submission for oral presentation |
| July 31, 2019 | Reduced registration fee |
| August 31, 2019 | Abstract submission for poster presentation |
| September 30, 2019 | Last minute posters submission |

RAFA 2019 Registration Fees:

- | | |
|--|-------|
| Registration received until July 31, 2019: | |
| Regular registration – smart rate | € 545 |
| Students* | € 395 |
| Any registration received from August 1, 2019: | € 745 |

* The proof of student status will be required, otherwise application for the students' rate will be ignored.

Special opportunities for young scientists:

Opportunities for oral presentations for young researchers will be reserved in the main program, the best posters will be awarded, and numerous competitive travel grants will be offered.

For more information:

For the program updates, abstract submissions, information on exhibition and sponsorship and registration, please visit the RAFA 2019 web site at www.rafa2019.eu, or contact us at rafa2019@vscht.cz.

Workshops & Sessions on novel challenges (tentative list)

- Workshop on "Vibrational spectroscopy and chemometrics for monitoring of food and feed products and contaminants detection"
- 2nd European workshop on human biomonitoring in food quality and safety
- 1st European workshop on microplastics in the food chain
- 1st European workshop on portable food analysis and citizen science
- Tutorial on "Data quality and smart data handling in food analysis"

Interactive seminar: Be active and learn from each other

- Step by step strategies for fast development of smart analytical methods

Food authorities summit, EU and beyond (tentative list)

- Seminar on "Food safety issues beyond the EU: US Perspective", co-organised by the United States Department of Agriculture (USDA)
- Workshop on "Food Safety in China: Past, Present and Future", co-organised by the China National Centre for Food Safety Risk Assessment (CFSA)

EC Reference laboratories colloquium

- Workshop on "Experiences, achievements and challenges of EU Reference Laboratories"

Vendor seminars & Exhibition: recent instrumentation & analytical strategies

EU projects Info days, EU framework program workshop (tentative list)

- RAFA Smart Lab: Smart analysers and applications for on-site testing of food quality and safety
- Collaboration challenges within EU framework program for research and innovation





The organizers of the 9th International Symposium on Recent Advances in Food Analysis promise to prepare a **balanced programme** including **oral presentations by young scientists, satellite workshops, interactive and vendor seminars and nice social events.**

We are looking forward to meeting you again in beautiful Prague!

As long as, you are willing to join us, please mark RAFA 2019 in your calendar.

Prof. Jana Hajslova & Prof. Michel Nielen, conference chairs

Jana.Hajslova@vscht.cz

michel.nielen@wur.nl

RAFA key manager: Dr. Monika Tomaniova

monika.tomaniova@vscht.cz



www.rafa2019.eu

A night-time photograph of Prague, Czech Republic. The Prague Castle is illuminated and sits atop a hill. Below it, the Charles Bridge spans the Vltava River, with its arches and towers lit up. The water reflects the lights.

9th International Symposium on Recent Advances in Food Analysis

5-8 November 2019, Prague, Czech Republic