

2nd FoodSmartphone Summer School: Food Applications, QA/QC and Validation

18 - 22 June 2018, Prague, Czech Republic

Organised by the H2020 Marie-Curie project FoodSmartphone in co-operation with the Department of Food Analysis and Nutrition, University of Chemistry and Technology, Prague.

AIM OF THE COURSE

To provide detailed knowledge on QA/QC and ISO 17025 QA/QC, Quality management in industry and Control laboratories, validation of methods (screening and confirmatory methods and bioassay methods including smartphone-based assays).

COURSE CONTENTS

The course will be composed of lectures, working groups, laboratory work, a communication workshop and an invited distinguished guest lecture.

PARTICIPANTS

The course is aimed at PhD candidates and young researchers working in the field of food research and scientists from industries who would like to improve their out-of-the-box thinking and become involved in the design of building blocks for future smartphone-based food quality and safety testing tools.

PROGRAMME TOPICS (selection)

The programme will include at least the following topics:

- Introduction to QA/QC and ISO 17025 accreditation in testing laboratories
- Introduction to Total Quality Management in industry
- Introduction to built-in quality controls
- Analytical validation of screening methods according to EU requirements
- Collaborative validation studies
- Specific food quality and safety application requirements
- Workshop: development of fit-for-purpose validation protocols for smartphone-based assays
- Introduction to instrumental confirmatory methods
- Critical comparison and benchmarking of technologies

COURSE LECTURERS (tentative)

University of Chemistry and Technology, Prague, Czech Republic: **Prof. Jana Hajšlova** (course director)
BARILLA, Italy: **Antonio Nespoli**
Covance, USA: **Dr. Katerina Mastovska**
Czech Agriculture and Food Inspection Authority, Czech Republic: **Petr Cuhra**
IQAC-CSIC, Spain: **Prof. M.-Pilar Marco**
QUB, United Kingdom: **Dr. Cuong Cao, Dr. Katrina Campbell**

FEES*

ESRs from H2020 FoodSmartphone	Free of charge
UCT Prague PhD candidates	€ 250,-
All other PhD candidates	€ 500,-
Postdocs, and other academic staff	€ 750,-
Participants from the private sector	€ 2 000,-

* includes materials, lunches/tea/coffee and 1 dinner.

REGISTRATION AND INFORMATION

The course is open up to a maximum number of 40 PhD students.

Registration is open, see [registration form](#).

More information you can find [here](#).

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