

# Programme of 1st Autumn School of ECO

## MONDAY, 18.OCT.

### Theoretical Lessons

- 09:00 - 09:15 **Welcome by the Coordinator**
- 09:15 - 09:30 Distribution of groups
- 09:30 - 10:30 Data reporting according to the OECD principles *Dr. Igor Tetko, Helmholtz-Zentrum München*
- 10:30 - 11:00 **Coffee Break**
- 11:00 - 11:30 QA/QC in an EN17025 environment for targeted trace analysis *Prof. Karl-Werner Schramm, Helmholtz-Zentrum München*
- 11:30 - 12:00 Use of biological in vitro assays for the detection and evaluation of chemicals. The OECD approach. *Dr. José Navas, INIA, Spain*
- 12:00 - 12:30 Monitoring response of XAD-concentrated water *Prof. Jan Hendriks, Radboud University, the Netherlands*
- 12:30 - 13:30 **Lunch Break**
- 13:30 - 14:00 QSAR/QSPR: Principles and Fundamentals from a Chemometric Perspective, *Prof. Roberto Todeschini, University of Milano-Bicocca, Italy*

### Practical Lessons

- 14:00 - 18:00 Programming exercise: Working with databases *Dr. Igor Tetko, Helmholtz-Zentrum München*
- 18:00 Social event / Ice breaking / Come together

## TUESDAY, 19.OCT.

### Theoretical Lessons

- 09:00 - 09:30 Risk assessment issues of manufactured nanoparticles *Prof. Willie Peijnenburg, Leiden University, the Netherlands*
- 09:30 - 10:30 Presentation Fellows (4)
- 10:30 - 10:45 **Coffee Break**
- 10:45 - 12:15 Presentation Fellows (6)
- 12:15 - 12:30 Introduction Experimental Exercises *Prof. Karl-Werner Schramm, Helmholtz-Zentrum München*
- 12:30 - 13:30 **Lunch Break**
- 13:30 - 14:00 Sources, occurrence and fate of surfactants including fluorinated surfactants in the environment *Prof. Thomas Knepper, Hochschule Fresenius, Idstein*

### Practical Lessons

- 14:00 - 18:00 Programming Exercise: Working with models *Dr. Igor Tetko, Helmholtz-Zentrum München*

## WEDNESDAY, 20.OCT.

### Visit

- 09:00 - 10:00 Visite of the high resolution analytical laboratories / ICR-FT/MS and Metabolite profiler *Dr. Phillippe Schmitt-Köpplin, Helmholtz-Zentrum München*

### Excursion

- 10:00 Departure Helmholtz Center
- 10:00 - 11:45 Bus Ride
- 11:45 - 12:00 Cable Car Ride I
- 12:00 - 12:30 **Lunch Break at Sonnalpin**
- 12:30 - 13 :00 Cable Car Ride II
- 13:00 - 15:30 UFS Schneefernerhaus
- 15:30 - 16:00 Cable Car Ride I
- 16:00 - 17:00 Cable Car Ride II
- 17:00 Departure Eibsee
- 17:00 - 18:00 Bus Ride
- 18:00 - 20:00 **Dinner on the way**
- 20:00 - 20:45 Bus Ride
- 20:45 Arrival Helmholtz Center

## THURSDAY, 21.OCT.

### Practical Lessons

- 09:00 - 12:30 Bioassay exercise: TBA *Prof. Karl-Werner Schramm, Helmholtz-Zentrum München*
- 12:30 - 13:30 **Lunch Break**

### Practical Lessons

- 13:30 - 14:00 Ecotoxicity of mixtures at trace levels *Prof. Karl-Werner Schramm, Helmholtz-Zentrum München*
- 14:00 - 18:00 Chemical Analysis exercise: Passive Sampling with SBSE *Prof. Karl-Werner Schramm, Helmholtz-Zentrum München*

## FRIDAY, 22.OCT.

### Theoretical Lessons

- 09:00 - 10:00 What is peer-reviewed publishing? *tress & tress, München*
- 10:30 - 11:00 **Coffee Break**
- 11:00 - 12:30 Benefits & challenges of journal papers *tress & tress, München*
- 12:30 - 13:30 **Lunch Break**

### Practical Lessons

- 13:30 - 15:00 Basic publishing rules: a) Preparation *tress & tress, München*
- 15:00 - 15:30 **Coffee Break**
- 15:30 - 17:00 Basic publishing rules: b) Writing *tress & tress, München*
- 17:00 - 17:30 Come together / Farewell
- 17:30 **Departure**