



TRAINING COURSE ON CHEMICAL CONTAMINANTS IN THE ENVIRONMENT
University of Novi Sad, Faculty of Technology Novi Sad
21-23 July 2014

PROGRAM

21 July 2014

- 10.30-11.00 Registration
- 11.00-11.05 **Welcome speech**, Prof. Dr. Biljana Škrbić, Head of the Center of Excellence in Food Safety and Emerging Risks (CEFSEER), *Faculty of Technology Novi Sad*
- 11.05-11.35 **Introduction to the CEFSEER capacities and activities**, Prof. Dr. Biljana Škrbić, *Center of Excellence in Food Safety and Emerging Risks (CEFSEER), Faculty of Technology Novi Sad*
- 11.35-11.50 **Presentation of the Serbian-Chinese project “Human exposure assessment to heavy elements, phthalic acid esters and persistent organic pollutants through air, water, dust and food” under the SERBIAN - CHINESE SCIENCE& TECHNOLOGY COOPERATION PROGRAM FOR YEARS 2013-2014**, Prof. Dr. Biljana Škrbić, *Center of Excellence in Food Safety and Emerging Risks (CEFSEER), Faculty of Technology Novi Sad*
- 11.50-12.10 Coffee break
- 12.10-12.30 **Research activities and achievements of the College of Environmental Science and Engineering, Nankai University**, Dr. Ji Yaqin, *Nankai University*
- 12.30-13.00 **Occurrence of phthalic acid esters in the environment**, Dr. Shaofei Kong, *Nanjing University of Information Science and Technology*
- 13.00-14.30 Lunch break
- 14.30-15.15 **Sampling methods for the phthalic acid esters determination**, Fumei Wang, *Nankai University*
- 15.15-15.45 **Polycyclic aromatic hydrocarbons (PAHs) distribution in China: from sources to environment**, Dr. Shaofei Kong, *Nanjing University of Information Science and Technology*
- 15.45-16.45 **Preparation of samples and analytical methods for the phthalic acid esters determination**, Dekun Zou, *Nankai University*



22 July 2014

- 10.30-11.00 **Trends in the chemical contaminants analysis in the environmental and food matrices**, Prof. Dr. Biljana Škrbić, Dr. Nataša Đurišić-Mladenović, *Center of Excellence in Food Safety and Emerging Risks (CEFSER), Faculty of Technology Novi Sad*
- 11.00-11.30 **Analysis of mycotoxins by UHPLC-HESI-MS/MS**, Prof. Dr. Biljana Škrbić, Jelena Živančev, *Center of Excellence in Food Safety and Emerging Risks (CEFSER), Faculty of Technology Novi Sad*
- 12.00-12.30 **Analysis of PCBs, OCPs and pyrethroids by GC/μECD and GC/MS**, Prof. Dr. Biljana Škrbić, Igor Antić, Dr. Nataša Đurišić-Mladenović, *Center of Excellence in Food Safety and Emerging Risks (CEFSER), Faculty of Technology Novi Sad*
- 12.30-13.00 **Analysis of PAHs by UHPLC-MS**, Prof. Dr. Biljana Škrbić, Dr. Nataša Đurišić-Mladenović, Igor Antić, *Center of Excellence in Food Safety and Emerging Risks (CEFSER), Faculty of Technology Novi Sad*
- 13.00-14.30 Lunch break
- 14.30-15.00 **Analysis of heavy elements**, Prof. Dr. Biljana Škrbić, Jelena Živančev, *Center of Excellence in Food Safety and Emerging Risks (CEFSER), Faculty of Technology Novi Sad*
- 15.00-15.30 **Pharmaceuticals in the environment**, Dr. Mira Petrović, *Institut Català de Recerca de l'Aigua, Girona, Spain*, Prof. Dr. Biljana Škrbić, Head of the Center of Excellence in Food Safety and Emerging Risks (CEFSER), *Faculty of Technology Novi Sad*
- 15.30 -16.00 **Perfluorinated compounds in the food**, Dr. Marinella Farré, *CSIC-Institute of Environmental Assessment and Water Research, Barcelona, Spain*, Prof. Dr. Biljana Škrbić, Head of the Center of Excellence in Food Safety and Emerging Risks (CEFSER), *Faculty of Technology Novi Sad*

23 July 2014

- 10.00-10.45 Practical session I: **Illustrative (video) presentation of the sampling and preparatory methods for the phthalic acid esters determination**
- 10.45-13.00 Practical session II: **GC/MS analysis of the phthalic acid esters**
- 13.00-14.00 Lunch break
- 14.00-16.00 Practical session III:
- **analysis of the mycotoxins by UHPLC-HESI-MS/MS**
- **analysis of heavy elements by GFAAS**
- 16.00-18.00 Practical session IV:
- **analysis of PCBs, OCPs and pyrethroids by GC/μECD and GC/MS**
- **analysis of PAHs by UHPLC-MS**