

Conference program analytica Vietnam 2019

03.04.2019	
7:30-10:00	Registration
10:05-10:10	Welcoming address Assoc. Prof. Dr. Tran Thi Hong (Vice Rector of Nguyen Tat Thanh University, Vietnam)
10:10-10.15	Opening address Prof. Dr. Phan Tuan Nghia (Vice-Rector of VNU University of Science, Hanoi, Vietnam)
Session 1: Fundamental Analysis/Chromatography and Mass Spectrometry Chairman: Prof. Dr. Oliver J. Schmitz and Prof. Dr. Pham Hung Viet	
10:15 - 10:40	Prof. Dr. Oliver J. Schmitz (University of Duisburg-Essen, Germany) The power of chromatography in combination with ion mobility-mass spectrometry
10:40 - 11:05	Assoc. Prof. Ta Thi Thao (VNU University of Science, Hanoi, Vietnam) Development of simple and quick analytical methods for human plasma samples: toward an early diagnosis and monitoring of the treatment of acute poisoning in Vietnam
11:05 - 11:30	Emily Xu (Dow Chemical, Shanghai) Conversion of Calibration Curves for Accurate Estimation of Molecular Weight Averages and Distributions of Polyether Polyols by Conventional Size Exclusion Chromatography
11:30 - 11:55	Prof. Dr. Chu Pham Ngoc Son (Chemical Society of Ho Chi Minh City, Vietnam) On the use of QuEChERS Method Modified with Agilent EMR-LIPID and CAPTIVA EMR-LIPID in Sample Preparation for Fatty Matrices
11:55 - 12:20	Dr. Robert Ahrends (ISAS Dortmund, Germany) Identification of key lipids critical for platelet activation by comprehensive analysis of the platelet lipidome
12:20 - 13:50	Buffet Lunch
Session 2: Environmental Analysis and Environmental Pollutants Control Chairman: Prof. Dr. Robert Ahrends and Assoc. Prof. Dr. Nguyen Thi Ha	
13:50 - 14:15	Prof. Dr. Ralf Zimmermann (University of Rostock, Germany) Air pollution and Health: Novel chemical and biological analysis techniques
14:15 - 14:40	Assoc. Prof. Dr. Tu Binh Minh (VNU University of Science, Hanoi, Vietnam) Phthalates in indoor air and dust from Hanoi, Vietnam: distribution and human exposure
14:40 - 15:05	Prof. Dr. Tadeusz Gorecki (University of Waterloo, Canada)

	Permeation passive sampling in environmental analysis
15:05 - 15:25	Coffee Break
15:25 - 15:50	Prof. Dr. Jean-Luc Vassel (University of Liege, Belgium) Simple systems to characterize waste waters - the case of BMP (bio methane potential)
15:50 - 16:15	Assoc. Prof. Dr. To Thi Hien (University of Science, VNU Ho Chi Minh City, Vietnam) Preliminary investigation of microplastics in the surface seawater in Can Gio, Vietnam
16:15 - 16:40	Dr. Nguyen Dang Giang Chau (Hue University, Vietnam) Degradation of the insecticides fipronil and cypermethrin in green onions (<i>Allium fistulosum</i>) and mustard greens (<i>Brassicajuncea</i>) under tropical climate: a laboratory trial
16:40 - 17:05	Prof. Dr. Joachim Weiss (ThermoFisher) Stationary Phase Design for Ion-Exchange Chromatography of Standard Inorganic and Organic Anions and Cations in Environmental Samples
04.04.2019	
Session 3: Food Analysis and Quality Improvement Chairman: Prof. Dr. John Mc Lean and Assoc. Prof. Ta Thi Thao	
08:30 - 08:55	Prof. Dr. Alejandro Cifuentes (National Research Council of Spain, Spain) Valorisation of tropical fruits by-products: A Foodomics study
08:55 - 09:20	Assoc. Prof. Dr. Nguyen Van Dong (University of Science, VNU Ho Chi Minh City, Vietnam) Analysis of arsenite and arsenate in rice grown in Vietnam by high performance liquid chromatography hyphenated inductively coupled plasma mass spectrometry
09:20 - 09:45	Prof. Dr. Michael Rychlik (TU Munich, Germany) Stable isotope applications to verify the nutritive quality and safety of tropical foods
09:45 - 10:10	Assoc. Prof. Dr. Nguyen Thi Ha (VNU University of Science, Hanoi, Vietnam) Determination of Auramine O in animal feedstuffs using ultra performance liquid chromatography tandem mass spectrometry
10:10 - 10:30	Coffee Break
10:30 - 10:55	Prof. Dr. Erich Leitner (TU Graz, Austria) Mineral Oil Residues in Food-Occurrence, Analysis and Prevention
10:55 - 11:20	Assoc. Prof. Dr. Nguyen Thi Kim Dung (Institute for Technology of Radioactive and Rare Elements, Vietnam) Determination of ⁸⁷Sr/⁸⁶Sr isotopic ratio by inductively coupled plasma mass (ICP-MS) for authentication of honey regional origin
11:20 - 11:45	Dr. Hans-Joachim Hübschmann (CTC Analytics AG, Switzerland)

	Analysis of 3-MCPD in Edible Oils, in particular Palm Oil, for Food Safety and Quality Control
11:45 - 12:05	Mr. Tran Tuan Viet (Institute for Tropicalization and Environment, Vietnam) Effects of grilling conditions on polycyclic aromatic hydrocarbons contamination in common barbecued pork in Ho Chi Minh City
12:05 - 13:30	Buffet Lunch & Poster Session
Session 4: Pharmaceutical Analysis and Medical Diagnosis Chairman: Prof. Dr. Michael Rychlik and Assoc. Prof. Dr. To Thi Hien	
13:30 - 13:55	Prof. Dr. John McLean (Vanderbilt University, USA) Advanced structural mass spectrometry strategies in systems, synthetic, and chemical biology
13:55 - 14:20	Assoc. Prof. Dr. Ngo Quoc Anh (Institute of Chemistry, VAST, Vietnam) Characterization of volatile components from Ethyl acetate extract of <i>Stixis suaveolens</i> (Roxb.) by comprehensive two-dimensional gas chromatography coupled to mass spectrometry
14:20 - 14:45	Dr. Jörg Hippler (Agilent, Waldbronn, Germany) Powerful chromatography for powerful molecules – Analysis of biopharmaceuticals with high-end HPLC
14:45 - 15:10	Assoc. Prof. Dr. Do Phuc Quan (VNU University of Science, Hanoi, Vietnam) Electrochemical determination of uric acid based on polydopamine–copper/graphene (Gr-PDA-Cu) nanocomposite modified glassy carbon electrode
15:10 - 15:25	Coffee Break
15:25 - 15:50	Dr. Tran Vinh Thien (Ho Chi Minh City University of Natural Resources and Environment, Vietnam) Characterization study of novel solid dispersion system of tenofovir in gelucire 44/14
15:50 - 16:15	Prof. Dr. Jin-Ming Lin (Tsinghua University, Beijing, China) Droplet Generation for Cell Analysis on Microfluidics and Mass Spectrometry
16:15 - 16:40	Prof. Dr. Tran Dai Lam (Graduate University of Science and Technology, VAST, Vietnam) Integration of planar-coils in a microfluidic chip for creation of magnetic nanoparticles owning trapping and heating ability in terms of biological analysis processes
16:40 - 16:55	Poster Prizes Awarding
16:55 -17:10	Closing remarks by Prof. Dr. Pham Hung Viet and Prof. Dr. Oliver J. Schmitz