

Conference Program

29.03.2017	
7:30-9:50	Registration
9:50-9:55	Welcoming address Prof.Dr. Pham Hung Viet (Vietnam Analytical Sciences Society (VASS))
9:55-10.00	Opening remarks Prof.Dr. Phan Tuan Nghia (Vice-Rector of VNU University of Science, Hanoi)
Session 1: Fundamental Analysis/Chromatography and Mass Spectrometry Chair: Oliver J. Schmitz	
10:15 - 10:40	Prof.Dr. Oliver J. Schmitz (University of Duisburg-Essen, Germany) 2D-Chromatography coupled to IM-qTOF-MS for the analysis of complex samples such as medicinal plants
10:40 - 11:05	Peter Schoenmakers (University of Amsterdam, The Netherlands) Multi-dimensional liquid-chromatographic separations of very complex samples
11:05 - 11:30	Prof.Dr. Luigi Mondello (University of Messina, Italy) A Comprehensive Approaches for Comprehensive Chromatography: From Gas Chromatography to Supercritical Fluids
11:30 - 11:55	Assoc.Prof.Dr. Ta Thi Thao (VNU University of Science - Hanoi, Vietnam) Classification and Identification of Vietnamese Honeys using Chemometrics based on high resolution mass spectroscopy and 1H- NMR data
11:55 - 13:00	Lunch
Session 2: Environmental Analysis Chair:	
13:00 - 13:25	Prof.Dr. Pham Hung Viet (VNU University of Science - Hanoi, Vietnam) "Mobile toxic carrier" - the main perpetrator causing an environmental disaster in the central coast of Vietnam
13:25 - 13:50	PD Dr. Frank Steiner (ThermoFisher Scientific) How to quantify analytes in HPLC without specific standards for calibration?
13:50 - 14:15	Assoc.Prof. Nguyen Van Hop (Hue University of Sciences, Vietnam) Contents of the toxic metals in the sediment and their bioaccumulation in a bivalve species (Meretrix lyrata) cultured in Tien estuary area, Tien Giang province
14:15 - 14:40	Dr. Nguyen Thi Vuong Hoan (Quy Nhon University, Vietnam) Fe-Mn binary oxides modified diatomite: synthesis and its application for arsenite and arsenate adsorption

14:40 - 15:05	Dr. Ho Thi Thanh Van (HCM city University of Natural Resources and Environment) Advanced analysis for nano materials in renewable energy and environmental applications
15:05 - 15:25	Coffee Break
15:25 - 15:50	Peter Wiesen (University of Wuppertal, Germany) Two stroke engines and their negative impact upon air quality in many cities
15:50 - 16:15	Dr. To Thi Hien (University of Science, VNU-HCM, Vietnam) Occurrence of Bisphenol A in the atmospheric aerosols in Ho Chi Minh City, Viet Nam during 2012-2016
16:15 - 16:40	Dr. Le Huu Tuyen (VNU University of Science - Hanoi, Vietnam) Toxicity identification evaluation of aryl hydrocarbon receptor agonists in urban ambient particulate matter from Vietnam
16:40 - 17:05	Assoc.Prof.Dr. Tu Binh Minh (VNU University of Science - Hanoi, Vietnam) Study on development of determination method of cyclic siloxanes in indoor air by gas chromatography tandem mass spectrometry
17:05 - 17:30	Assoc.Prof.Dr. Mai Tuan Anh (Industrial University of Ho Chi Minh City, Vietnam) The study and differentiate of PCDD/Fs distribution from herbicide used in vietnam war and that created from medical waste incinerators
30.03.2017	
Session 3: Food Analysis and Quality Improvement Chair:	
08:15 - 08:40	Dr. Nguyen Thi Kim Dung (Institute of Technology of Radioactive and Rare Elements) Determination of trace Boron in food samples using isotope dilution-inductively coupled plasma-mass spectrometry
08:40 - 09:05	Shane Linkerhof (Agilent Technologies, Thailand) Two-dimensional liquid chromatography - Applications in food analysis
09:05 - 09:30	Dr. Tran Thi Ngoc Lan (University of Science, VNU-HCM, Vietnam) Concentration of nitrate and nitrite in some Vietnamese and imported fruits measured by IC method and SOEKS Nitrate tester
09:30 - 09:55	Li Xiao (Gerstel) Automated sample preparation for food analysis
09:55 - 10:15	Coffee Break
10:15 - 10:40	Dr. Hoang Kim Anh (Sai gon Technology University, Vietnam) Determination of biochemical composition and in vitro digestibility of

	protein concentrate from brackish algae <i>Chaetomorpha sp.</i>
10:40 - 11:05	Dr. Hans-Joachim Hübschmann (CTC Analytics AG) Automated micro-SPE Clean-up of QuEChERS Extracts for Multi-Residue Pesticide Analysis in Foods by GC-MS and LC-MS
11:05 - 11:30	Dr. Vu Thi Thu Trang (School of Biotechnology and Food Technology, HUST, Vietnam) Effects of Aminoreductone against the growth of <i>Listeria monocytogenes</i> in medium and milk
11:30 - 11:55	Eberhardt Kuhn (Restek) Latest Chromatographic Advances in Food Analysis
11:55 - 13:15	Lunch & poster section
Session 4: Pharmaceutical Analysis and Medical Diagnosis Chair:	
13:15 - 13:40	Prof.Dr. Albert Sickmann (ISAS, Dortmund, Germany) SIMPLEX: a combinatorial multimolecular omics approach for systems biology
13:40 - 14:05	Dr. Nguyen Van Cuong (Ho Chi Minh University of Industry) Determination of Doxorubicin Distribution in Plasma and Tissues of Wistar Rats Treated with Doxorubicin-Loaded Polymeric Micelles by HPLC Method
14:05 - 14:30	Guowang Xu (Dalian Institute of Chemical Physics, China) MS based metabolomics for precision medicine
14:30 - 14:55	Gerhard Scriba (University of Jena, Germany) Enantiomer Analysis of Pharmaceuticals by CE and HPLC
14:55 - 15:20	Dr. Nguyen Ba Trung (Danang University, Vietnam) An electrochemical based DNA detection method for medical analysis and food control
15:20 - 15:35	Coffee Break
15:35 - 16:00	Izumi Ogata (Hitachi HighTechnologies) Development of LC-MS for clinical application
16:00 - 16:25	Assoc.Prof.Dr. Duong Tuan Quang (Hue University, Vietnam) A benzothiazolium-derived colorimetric and fluorescent dual chemosensor for the detection of biothiols and mercuric ions
16:25 - 16:50	Dr. Vu Duc Loi (Institute of Chemistry, VAST, Vietnam) Mercury pollution due to gold mining activities in Thai Nguyen, Vietnam: Occurrence and Human Exposures
16:50 - 17:15	Dr. Nguyen Tien Dat (Institute of Marine Biochemistry, VAST, Vietnam)

	Quantification of bioactive components in several herbal medicinal materials in Vietnam
17:15 - 17:30	Closing remarks by Prof. Pham Hung Viet and Prof. Oliver J. Schmitz