

Analytica Vietnam 2015

Tutorials		
15.04.2015	Prof. Karl Molt Calibration in Instrumental Analysis using the freesoftware R	6 h
16.04.2015	PD Dr. Joachim Weiss Modern Ion-Exchange Chromatography: From Standard Inorganic Anions and Cations to Carbohydrates and Proteins	3 h
15.04.2015		
7:30-10:00	Registration, Welcome speeches, Coffee Break	
Fundamental Analysis / Chromatography and MassSpectrometry		
10:00-10:25	PD Dr. Joachim Weiss (ThermoFisher) Determination of Biogenic Amines in Foods Using Cation Exchange Chromatography with Suppressed Conductivity, UV, and Integrated Pulsed Amperometric Detections	
10:25-10:50	Prof. Dr. Chu Pham Ngoc Son Determination of Phthalates in Vegetable Oil by Gas Chromatography - Mass Spectrometry	
10:50-11:15	Prof. Oliver Schmitz (University of Duisburg-Essen, Germany) Combination of the Best of Two Worlds: LCxLC and IMS-qTOF-MS	
11:15-11:40	Assoc. Prof. Dr. Duong Tuan Quang A Fluorescent Chemosensor based on Dimethylaminocinnamaldehyde-aminothiourea for highly Sensitive Simultaneous Determination of Silver, Mercury, and Copper Ions	
11:40-12:05	Dr. Nguyen Ba Trung Colorimetric based Sensor for Quick Screening Mercuric (II) Ion in Aqueous Samples Using Surface Plasmon Resonance Characteristic of Silver Nanoparticles	
12:05-13:00	Lunch	
13:00-13:25	Dr. Sonja Krieger (Agilent) Heart-cutting and comprehensive 2D-LC – Applications in pharmaceutical and foodanalysis	
13:25-13:50	Dr. Tran Thanh Tu Multi-dimensional Gas Chromatography in Petrochemical Industry: Building a Super Refinery Gas Analyzer with Four Detectors	
13:50-14:15	PD Dr. Frank Steiner (ThermoFisher) The challenges of antibody characterization and how advanced UHPLC techniques can tackle it	
14:15-14:40	Prof. Dr. Stephen E. Reichenbach Rapid Quality Assurance Methods and Tools for Comprehensive Two-Dimensional Chromatography	
14:40-15:05	Coffee Break	
Environmental Analysis and Quality Improvement		
15:05-15:30	Prof. Luigi Mondello Comprehensive Chromatography (GCxGC, LCxLC, LC-GCxGC) coupled to MS/MS for the Analysis of Environmental Samples	
15:30-15:55	Prof. Dr. Pham Hung Viet (VNU University of Science - Hanoi) Contamination by Perfluorinated Compounds in Municipal Wastewater from Drainage System in Hanoi, Vietnam	
15:55-16:20	Dr. Jürgen Blumm (Netzsch) Material Identification and Quality Control using Advanced	

	Thermal Analysis Methods	
	Assoc. Prof. Dr. Tu Binh Minh Brominated Flame Retardants in Fish from Informal e-waste Recycling Area in North Vietnam: Levels and Bioaccumulation Pattern	
16:45-17:10	Prof. Lichtenstein Novelfluorescencesensors: analysis of antioxidants, nitricoxide, super oxide, and biomembranesdynamics	
16.04.2015		
Food Analysis and Safety		
8:15-8:40	Prof. Dr. Dietmar Knopp (Technical University of Munich, Germany) Application of immunochemicalmethodsforfoodsafetymonitoringand authentication - a review	
8:40-9:05	Assoc. Prof. Dr. Nguyen Anh Mai Development of PY-GC/MS Combined with Data Processing Algorithm and Chemometrics to Classify Korean Ginseng based on Age	
9:05-9:30	Prof. Torsten Schmidt (University of Duisburg-Essen, Germany) Difficulties and solutions in theanalysis of polar pesticidemetabolites in waterby LC-MS/MS	
9:30-9:55	Dr. Tran Thi Ngoc Lan Qualification of urea in frozen fish by bioassay	
9:55-10:20	Coffee Break	
10:20-10:45	Dr. Hans-Joachim Hübschmann(ThermoFisher) The Metabolic Workflow forPhenotype and Genotype Analysis of Rice using GC-MS/MS	
10:45-11:10	Assoc. Prof. Dr. Tran Dai Lam Disposable Acetylcholinesterase Biosensor for Pesticide Detection based on Poly(1,5-Diaminonaphthalene)/Polypyrrole Nanowires Bilayer	
11:10-11:35	Prof. Dr. Yasuaki Maeda (Osaka Prefecture University, Japan) Analysis of POP'S contaminationbyusing bio-immunoassay(Calux and KinExA) and HRGC-MS in Vietnam and Japan	
11:35-12:00	Assoc. Prof. Dr. Le Ngoc Chung Manganese Dioxide Nanostructure (γ-MnO₂) as Solid Phase Extraction Sorbent for the Gas Chromatographic Determination of Organophosphorus Pesticides in Vegetables	
12:00-13:00	Lunch	
Pharmaceutical Analysis and Medical Diagnosis		
13:00-13:25	Prof. Dr. Mario Thevis (German Sport UniversityCologne, Germany) Sports Drug Testing - newanalyticalapproachesfordetectingprohibitedsubstances	
13:25-13:50	Assoc. Prof. Dr. Bui Minh Ly Structure and Biological Activity of Fucoidan Isolated from some Vietnam Brown Seaweed Species	
13:50-14:15	Prof. Dr. Albert Sickmann Platelet proteins as disease markers	
14:15-14:40	Assoc. Prof. Dr. Nguyen Van Hop Study on Development of Glassy Carbon Electrode Modified	

	with L-Cystein and Silver Nanoparticles for Determination of Uric Acid	
14:40-15:05	Coffee Break – Poster session	
15:05-15:30	Dr. Hui-Loo Lai Chin (Shimadzu) Analysis of Genotoxic Impurities and Metabolites in Active Pharmaceutical Ingredients and Biological Samples by GC-MS and GC-MS/MS	
15:30-15:55	Prof. Dr. Petr Kuban Portable capillary electrophoresis in clinical diagnosis and monitoring	
15:55-16:20	Dr. Ngo Quoc Anh Continuous Synthesis and Pharmaceutical Crystallization of Celecoxib	
16:20-16:45	Prof. Dr. Boguslaw Buszewski (University of Torun) Natural and artificial nose in identification of biomarkers for early cancer diagnosis	
16:45-17:00	Closing remarks by Prof. Pham Hung Viet and Prof. Oliver J. Schmitz	