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Tentative Program

5th International Conference and Expo on

Separation Techniques

Paris, France October 23-25, 2017

Theme: "An ingenious approach to discover the recent developments and advancements in the field of Separation Science"



For Available Speaker Slots

Separationtechniques@chemistryconference.org

Conference Secretariat

Conference Series LLC 2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

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Email: Separationtechniques@conferenceseries.net; Separationtechniques@chemistryconference.org

5th International Conference and Expo on

Separation Techniques 2017

October 23-25, 2017 Paris, France

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for Day 1

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessi	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

40 Speakers on Day 2

Day 3

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		

40 Speakers on Day 3

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://separationtechniques.conferenceseries.com/

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Glimpses of Separation Techniques Conferences



















GOOD LUCK



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TOURIST DESTINATIONS IN PARIS, FRANCE



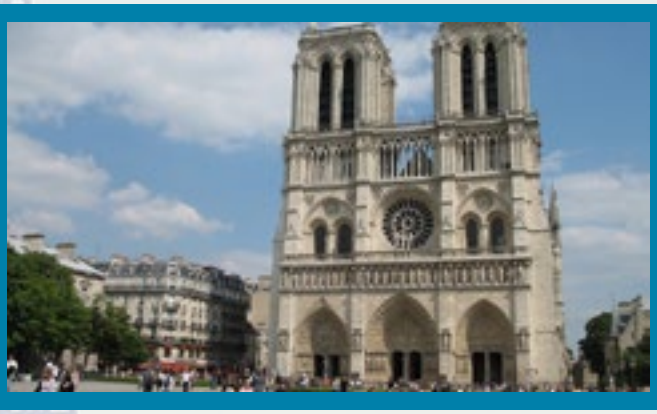
Eiffel Tower



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Conference Venue

Paris, France



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2nd International Conference and Expo on

Separation Techniques

September 26-28, 2016 Valencia, Spain

Scientific Program



Registrations

Melia Meeting 1+2

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Opening Ceremony

Title: Towards hollow fibers automotive catalytic converters: effect of carbon on the NO abatement efficiency of Cu decorated C/Al_2O_3 porous hollow fiber

Iakovos Yakoumis, Monolithos Catalysts and Recycling Ltd, Greece

Title: Liquid chromatography of block copolymers

Dusan Berek, Slovak Academy of Sciences, Slovakia

Title: Composites of polyamides and nanoparticles for dispersive micro-solid phase extraction

Rafael Lucena Rodriguez, University of Cordoba, Spain

Title: Performance of the deep bed filter at its loading with particles and microorganisms

Leon Gradon, Warsaw University of Technology, Poland

Title: Impact of sludge properties on solid-liquid separation of activated sludge

Morten Lykkegaard Christensen, Aalborg University, Denmark

Title: Nanofiltration for the separation of polivalent and monovalent ions in high saline solutions

Raquel Ibanez Mendizabal, University of Cantabria, Spain

Title: Identification of inhibitors of the Fe-2OG dependent oxygenases by capillary electrophoresis with laser-induced fluorescence

Svetlana M. Krylova, York University, Canada

Title: Separation of heath compounds in Goji (Lyceum barbarum) aqueous extracts by membrane technology

Conidi Carmela , University of Calabria, Italy

Title: Understanding and predicting industrial membranes performances in separation technology

Helene Marie, Dow Benelux BV, Netherland

Title: Influence of coal power plant exhaust gas on the structure and performance of ceramic nanostructured gas separation membranes

Kai Wilkner, Forschungszentrum Julich, Germany

Title: A simple, accurate, time-saving and green method for the determination of 15 sulfonamides and metabolites in serum samples by ultra-high performance supercritical fluid chromatography

Feng Zhang, Chinese Academy of Inspection & Quarantine, China

Title: Protonic ceramic membranes under asymmetric steam atmosphere

Sandrine Ricote , Colorado School of Mines, USA

Title: Separation science that's built for biopharma

Robert van Ling, Thermo Fisher Scientific, Netherlands

Title: Removal of divalent heavy-metal ions from aqueous solutions by adsorption process with titanium dioxide nanowires

Snežana Maletic, University of Novi Sad, Republic of Serbia

Title: Development of a liquid-liquid extraction method of resveratrol from cell culture media using solubility parameters

Mohamad Houssam Al balkhi, Universite de Picardie Jules Verne, France

Title: Highly selective sieving in porous graphene-like carbon nitride for helium/light isotopes separation

Qu Yuanyuan, Shandong University, China

Title: 2D crystal-based membranes for photocatalysis and separation

Yuyoung Shin, University of Manchester, UK

Title: High strength Au film fabricated by advanced electrochemical technique in supercritical CO_2 emulsified electrolyte for mems accelerometers

Chun-Yi Chen, Tokyo Institute of Technology, Yokohama, Japan

Title: Next generation clarification for processing high density cell culture fluids supplemented with a flocculating agent

Sladjana Tomic-Skrbic, Merck KGaA, Germany

Title: Separation of chiral nanotubes with an opposite handedness by oligopeptide adsorption: A molecular dynamics study

Giuseppina Raffaini, Politecnico di Milano, Italy

Title: Integrating extraction and stirring in microextraction techniques

Rafael Lucena Rodriguez, University of Cordoba, Spain

Title: Nanoscale wiring by Cu electrodeposition in supercritical CO_2 emulsified electrolyte with continuous-flow reaction system

Masato Sone, Tokyo Institute of Technology, Japan

Title: Arsenic speciation in edible marine algae: presence of water and lipid-soluble arsenic compounds

Sara Garcia-Salgado, Universidad Politecnica de Madrid, Spain

Title: Fabrication of Pt metallization on silk via supercritical carbon oxide-assisted electroless plating for wearable medical devices

Wan-Ting Chiu, Tokyo Institute of Technology, Japan

Title: Pervaporative removal of polyaromatic hydrocarbons from model diesel composition using a fabricated polyimide membrane and process optimization

Debarati Mitra, University of Calcutta, India

Title: Pd-alloy supported membranes: hydrogen separation/purification and membrane reactor applications

Adolfo Iulianelli, CNR-ITM, Italy

Title: Effect of pressure on crystal structure of metal oxides formed in supercritical CO_2 emulsified solution

Tso-Fu Mark Chang, Tokyo Institute of Technology, Yokohama, Japan

Title: Fabrication of electrospun nanofiber mat for tetracycline adsorption

Liu Qing, Chinese Academy of Sciences, China

Title: Separation of cerium from other rare earth elements by solvent extraction

Carlos Antonio de Morais , Nuclear Technology Development Center, Brazil

Title: Effective Adsorption and concentration of carnosine by nickel species within mesoporous silica

Liming Zhao, East China University of Science and Technology, China

Title: Separation efficiency of pentafluorophenyl stationary phase for fast chromatography determination of highbush blueberry anthocyanins

Barbora Smidova, Research and Breeding Institute of Pomology Holovousy Ltd., Czech Republic

Title: HPTLC method for the determination of anti-cold mixture in tablets and in spiked human plasma

Nehal Fayek Farid, Beni Suef University, Egypt

Title: Method development and optimization for determination of acemetacin and its toxic impurities using design of experiment

Nada Sayed Abdelwahab, Beni Suef University, Egypt

Title: Monitoring of chronic wound healing process via determination of arginine and its metabolites using HPLC-FD method

Lenka Javorska, Charles University in Prague, Czech Republic

Title: Newly developed UHPLC method for the determination of omeprazole in oral suspensions

Kucerova K , Charles University in Prague, Czech Republic

Title: Development of facilitated transport membranes with silver nano-particle and the process design for separation of propylene from propane in petrochemical industry

Jeong Hoon Kim, Korea Research Institute of Chemical Technology, Korea

Title: A comparative study of As(III) and As(V) adsorption behaviors on different Fe-Mn based adsorbents

Jasmina Agbaba , University of Novi Sad, Republic of Serbia

Title: Effect of supercritical carbon dioxide on micro-mechanical properties of electrodesposited gold

Haochun Tang, Tokyo Institute of Technology, Japan

Title: Green synthesis of zinc oxide (ZnO) nanoparticles and determination of it's antioxidant and antiradicalic activity

Esen Tasgin, Ataturk University,Turkey

Title: Leachate performance of silica fume-modified compacted clayey soil

Ekrem Kalkan, Ataturk University, Turkey

Title: Quantification of caffeic acid in cosmetic formulations by an eco-friendly HPLC method

Caroline Magnani Spagnol, Sao Paulo State University, Brazil

Title: Solid phase extraction and fractionation of total petroleum hydrocarbons in contaminated soil by GC MSD/FID techniques

Maria Vilma Faustorilla, University of South Australia, Australia

Title: Anion exchange chromatography in lignocellulosics analysis

Nico Anders, RWTH Aachen University, Germany

Title: SFC-MS as a tool for flower absolute composition analysis

Santerre Cyrille , ISIPCA, France

Title: Evaluation of solid-phase chromatography as a method for natural organic matter characterization

Aleksandra Tubic, University of Novi Sad, Republic of Serbia

Title: Robustness test of the chromatographic method for the quantification of chlorogenic acid in coffee brew

Jong-Sup Jeon, Gyeonggi Province Institute of Health and Environment, Republic of Korea

Title: Purification, characterization of lipase enzyme from lactobacillus brevis and immobilization onto magnetic florosil NPs

Hayrunnisa Nadaroglu, Ataturk University, Turkey

Title: Ultrahigh pressure liquid chromatography as a separation technique for the simultaneous extraction and determination of four different groups of pharmaceuticals in compost

Miguel Angel Lopez Zavala, Tecnologico de Monterrey, Mexico

Title: Simple HPLC–MS/MS method for simultaneous determination of aripiprazole and dehydroaripiprazole in human plasma using microelution solid phase extraction

Aneta Iwona Wojnicz, Autonomous University of Madrid, Spain

Title: Supercritical CO_2 in its multiple roles: solvent for fractionation of complex mixtures and blowing agent in polymer foaming

Martin Topiar, University of Chemistry and Technology Prague, Czech Republic

Title: Resolving terahertz spectral mixtures using the blind source separation approach – a method to study the dehydration kinetics

Lukasz Antoni Sterczewski, Princeton University, USA

Title: Numerical analysis on purification of methane through the hollow fiber membrane system

Yongtaek Lee, Chungnam National University, Korea

Title: Purification of phosphoric acid by liquid-liquid

Mariana Campos Assuncao, PSL Research University, France

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686th Conference

Scientific Program

World Congress on

CHROMATOGRAPHY

September 21-23, 2016 Amsterdam, Netherlands



Hosting Organizations: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

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Registrations

Meeting Place 2

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Opening Ceremony

Title: Fingerprinting of natural product by eastern blotting using monoclonal antibodies

Yukihiro Shoyama, Nagasaki International University, Japan

Title: Topiramate quantitation in human plasma by liquid chromatography-tandem mass spectrometry: Application to therapeutic drug monitoring

Kamal Matar, Kuwait University, Kuwait

Title: New applications of reversed phase chromatography for detection and quantitation of certain adulterants in illegal herbal medicines

Ahmed Mohamed Ali Hemdan, Ahram Canadian University, Egypt

Title: Implementation of UHPLC-single quad MS platform: The next level transforming pharmaceutical quality control laboratories

Evelien Wynendaele, Ghent University, Belgium

Title: Analysis of natural crosslinks by liquid chromatography mass spectrometry using a silica hydride column

Rafea M Naffa, Massey University, New Zealand

Title: A novel and fast approach to monitor cell disruption efficiency

Britta Eggenreich, Vienna University of Technology, Austria

Title: Quantification of drug metabolites in the absence of authentic standards

Filip Cuyckens, Janssen R&D, Belgium

Title: The Development of Standards for Quality Control of Herbal Medicines

Siu-Po IP, The Chinese University of Hong Kong, Hong Kong

Title: Study on the generation mechanism and change regularity of characteristic "raisin" flavor compounds in raisins

Dong Wang, China Agricultural University, China

Title:Elution order switchable chiral stationary phases for HPLC based on switching and memory of helicity in polyacetylenes in the solid state

Katsuhiro Maeda, Kanazawa University, Japan

Title: Biomass upgrading and catalyst characterization using a tandem reactor - GC/MS system

Michael Soll, Frontier Laboratories, Germany

Title: A novel toolbox with chromatogram fingerprints for lysis monitoring in E.coli bioprocesses

Vignesh Rajamanickam, Vienna University of Technology, Vienna, Austria

Title: Sensitive determination of phthalates in edible oils enabled through elimination of phthalate background from HPLC–MS/MS

Adam Vavrouš, Charles University in Prague, Czech Republic

Title: Performance Comparison Between Monolithic Column And Silica Based C-18 Particle Packed Column For The Determination Of Three Anti-diabetics In Pharmaceuticals

A. Hemdan, Ahram Canadian University, Egypt

Title: Spectrophotometric determination and recovery of Cr(VI) from waste water by using a novel calix[4]arene based on polymer inclusion membrane (PIM) modified with nanocomposite graphene oxide

Canan Onac, Pamukkale University, Turkey

Title: A link between aberrant methylation level and AA adducts: Fact or coincidence

Dalia El-Zeihery, Beni-Suef University, Egypt

Title: Novel approach for targeted profiling of plant ecdysteroids by UHPLC-MS/MS vs. SFC-UV/MS

Danuse Tarkowska, Palacky University, Czech Republic

Title: MLC as an effective tool in the prediction of human intestinal absorption

D S Shokry, University of Huddersfield, UK

Title: Simultaneous determination and validation of telmisartan and amlodipine in pharmaceutical preparations using capillary electrophoretic method

Ebru TÜRKÖZ Acar, Yeditepe University, Turkey

Title: Rapid identification of anti-inflammatory active ingredients from Tumuxiang based on spectrum-effect relationship and natural products application solution with UNIFI

Fangdi Hu, Lanzhou University, P. R. China

Title: Identification of components from Sinapis semina that act on the thoracic aorta by screening using cell membrane chromatography combined with online-high performance liquid chromatography-mass spectrum

Fen Wei, Xi'an Jiaotong University, China

Title: Performance evaluation of different columns in hydrophilic interaction liquid chromatography for the determination of N-nitrosodiethanolamine in shampoo

G Abedi, Alzahra University, Iran

Title: Analysis of endogenous aldehydes in human urine by static headspace gas chromatography–mass spectrometry

Manuel Silva, University of Córdoba, Spain

Title: Temperature controlled liquid phase microextraction, in-situ derivatization for determination of estrogens in water by gas chromatography-tandem mass spectrometry

Maw-Rong Lee, National Chung Hsing University, Taiwan

Title: Origin of haloacetic acids in milk and dairy products

Mercedes Gallego, University of Córdoba, Spain

Title: Multi-dimensional ion chromatography–mass spectrometry for simultaneous determination of extracellular metabolites in Clostridium thermocellum

Yun Fa, Chinese Academy of Sciences, China

Title: Dendron-based stationary phases for hydrophobic interaction chromatography

Sena Yaman, Izmir Institute of Technology, Turkey

Title: Separation of drug active ingredients by using subcritical water chromatography

Berkant Kayan, Aksaray University, Turkey

Title: Implementation of ssDNA aptamers for imidazole-free purification of His3-tagged recombinant proteins

Wojciech Strzałka, Jagiellonian University, Poland

Title: Introducing a versatile tandem µ-reactor-GC/MS system for rapid characterization of catalysts: Ethanol and citrus unshiu peel conversion

Michael Soll, Frontier Laboratories, Japan

Title: Evaluation of Fe3O4.SiO2.Al(OH)3 and Fe3O4.Al(OH)3 nanostructures for extraction and pre-concentration of 1,4-dioxane from shampoo by gas chromatography

Mina Ranjbar Zandaragh, Imam Khomeini International University, Iran

Title: Chromatographic purification of the water extract of Virola surinamensis (Rol.) Warb, an Amazonian medicinal plant

Mirtes Midori Tanae, Universidade Federal de São Paulo, São Paulo, Brazil

Title: A validated UPLC-UV method for bisphenol A (BP-A) levels detection in imported plastic toys and drinking bottled water in Kuwait

Naser Faisal Al-Tannak, Kuwait University, Kuwait

Title: Use of gas chromatography to determine the cholesterol level in samples of meat and meat products

Ropota Mariana, National Research & Development Institute for Animal Biology and Nutrition (IBNA), Romania

Title: A validated LC-MS/MS assay for the quantitative determination of Hypophyllanthin and silibinin in Human Plasma: Application to a pharmacokinetic study in healthy volunteers

Said A. Hassan, Cairo University, Cairo, Egypt

Title: Separation of seven flavonoids in Astragali radix using ultra-performance subcritical fluid chromatography on different stationary phases

Shilan Feng, Lanzhou University, China

Title: Preparation of tetraoxocalix [2]arence[2]triazine coated Fe3O4 @SiO2 magnetic nanoparticles and its application in determination of PAHs in smokers urine

Shusheng Zhang, Zhengzhou University, China

Title: Development of a multicomponent method for the analysis of banned substances in cosmetic products by GC-MS/MS

Ševčík Václav, National Institute of Public Health, Czech Republic

Title: A novel toolbox for impurity pattern monitoring during inclusion body processing

Vignesh Rajamanickam, Vienna University of Technology, Vienna, Austria

Title: Feasibility of correlating separation of ternary mixtures of neutral analytes via thin layer chromatography with supercritical fluid chromatography in support of green flash separations

Tony Q Yan, Pfizer Inc., USA

Title: New method of screening allergenic components from Yejuhua injection with LAD2/CMC model online UHPLC-ESI-IT-TOF-MS system

Yanni Lv, Xi'an Jiaotong University, China

Title: Screening allergenic components from Danshen injection via HMC-1/CMC online UHPLC-ESI-MS/MS system

Yuanyuan Lin, Xi'an Jiaotong University, China

Title: Separation of hydrophobic amino acid enantiomers in CEC system by molecular imprinting technique

Koray Şarkaya, Düzce University, Turkey

Title: N-Acylated chitosan Bis(arylcarbamate): A class of chiral separation materials with powerful enantioseparation ability and high tolerability to organic solvents

Sheng Tang, Wuhan Institute of Technology, China

Title: Permeation profiles of hormones and NSAIDs through vaginal mucosa using Pentravan cream

Hudson Polonini, Federal University of Juiz de Fora, Brazil

Title: Automated harvesting and 2-step purification of eight 1-L unclarified mammalian cell-culture broths containing antibodies using a novel configuration on ÄKTATM pure

Fabian Holenstein, Novartis Institutes for Biomedical Research, Switzerland

Title: Size-exclusion HPLC as a sensitive and calibrationless method for complex peptide mixtures quantification

Romain Kapel, University of Lorraine, France

Title: Raman spectroscopy based method for the evaluation of compositional consistency of nanofibrous layers

Adéla Kotzianová, Contipro Pharma a.s., Czech Republic

Title: Spectrophotometric determination of Cr(iii) and Pb(ii) using 5,11,17,23-tetra[(2-ethyl acetoethoxyphenyl) (azo) phenyl]calix[4]arene

Nguyen Khanh Hoang, Industrial University of HoChiMinh City, Vietnam

Title:Inverse liquid chromatography in surface characteristic of materials

Katarzyna Adamska, Poznan University of Technology, Poland

Title: Enantiomer separations of amino acids and derivatives on immobilized polysaccharide phases with extended range of solvents using supercritical fluid chromatography

Tony Q Yan, Pfizer Inc., USA

Title: Comprehensive two-dimensional critical chromatography a tool to understand the behavior of random and block copolymers in chromatography

Aschwin van der Horst, Nuplex, Netherlands

Title: Chromatography in the NMR tube

Michael John, Institute of Anorganische Chemie, Germany

Title: Aptamer-based affinity chromatography as a rapid, single step method for purification of native proteins

Svetlana M Krylova, York University, Canada

Title: Removal of lipid interferences using zirconia-based solid phase extraction (SPE) and QuEChERS sorbents

Jennifer E Claus, MilliporeSigma, USA

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700th Conference

Scientific Program

7th International Conference and Exhibition on

ANALYTICAL & BIOANALYTICAL TECHNIQUES

September 28-30, 2016 Orlando, USA



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Registrations

Salon 1

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Opening Ceremony

Title: The application of proteins from less likely studied samples from south east

Jaya Vejayan, University Malaysia Pahang, Malaysia

Title: Increasing efficiency by using dual detector on VOC analysis with an agilent GC

Yuhui (Henry) Zhao, Epcor Water Canada, Canada

Title: Extractive electrospray ionization mass spectrometry for biosample analysis

Huanwen Chen, Jiangxi Key Laboratory for Mass Spectrometry and Instrumentation, China

Title: Separation of Peptides and Proteins in Tryptic Digest of Cytochrome C by Novel Step Elution Approach in Open Tubular Capillary Electrochromatography

Faiz Ali, Ulnha University, South Korea

Title: Characterization of honey in terms of physicochemical parameters and trace heavy metals. Amhara region

Esubalew Adugna, Addis Ababa University, Ethiopia

Title: The new photoelectric materials for analytical applications

Dongxue Han, Changchun Institute of Applied Chemistry-CAS, China

Title: Infrared spectroscopy combined with imaging modalities is a new technique to understand the disease pathology

S Kumar, Uppsala University, Sweden

Title: Elucidation of drug metabolite structural isomers using molecular modeling coupled with ion mobility mass spectrometry

Eamonn Reading, King's College London, UK

Title: Cynoprobe online, in process cyanide analyzer

Makhapa Makhafola , Mintek, South Africa

Title: A chemotaxonomic study of medicinal cannabis

Shengxi Jin, Labs-Mart Inc., Canada

Title: Understanding the Transformation Pathways of Atmospheric Aerosols: Some Revelations from Analytical Chemistry Techniques

Song Gao, Stetson University, USA

Title: Comprehensive overview of biophysical studies of lipoprotein stability

Shobini Jayaraman ,Boston University School of Medicine, USA

Title: Oral fluid LC-MS/MS analysis as ante-mortem detection of oxytetracycline in swine

Anna Gajda, National Veterinary Research Institute, Poland

Title: Comparative analysis of RP-HPLC, turbidimetric and UV methods used for the determination of cefepime hydrochloride in pharmaceuticals

Danilo Fernando Rodrigues , UNESP, Brazil

Title: Direct enantioenrichment of DL-mandelic acid by in situ immobilization of a general resolving agent on the magnetic multi wall carbon nanotube

Ghazale Daneshvar Tarigh , University of Tehran, Iran

Title: Dipeptidyl peptidase IV (DPP IV) inhibitors from plant extracts by TLC bioautography

Lihua GU, Shanghai University of Traditional Chinese Medicine, China

Title: Utility of capillary microsampling for rat pharmacokinetic studies: Comparison of tail-vein bleeds to jugular vein cannula sampling

J Wang, Sanofi Genzyme, USA

Title: Differential systemic exposure to galangin after oral and intravenous administration to rats

Junqing Zhang, Hainan Medical University School of Pharmacy, China

Title: Validation of ICP-OES and AAS method for the determination of magnesium in infant and follow-on formula

Kyung Mi Hwang, National Institute of Food and Drug Safety Evaluation, Korea

Title: Assessment of Feng-Liao-Chang-Wei-Kang as a potential inducer of cytochrome P450 3A4 and pregnane X receptors

Ling Huang, Hainan Medical University, China

Title: Analytical techniques for quantifying the ertapenem sodium with a look at green chemistry

Tahisa Marcela Pedroso, UNESP-Universidade Estadual Paulista, Brazil

Title: Multi-class method for the determination of antibacterials in honey by liquid chromatography-tandem mass spectrometry

Tomasz Bladek, National Veterinary Research Institute, Poland

Title: Piezoelectric positioning system technology for modulation of electrochemical imaging detection device

Wei Wang, Changchun Institute of Applied Chemistry-CAS, China

Title: Method development of carbohydrate profile for Abbott nutrional products using HPAEC/PAD

Yi Ding, Abbott Nutrition Research and Development, Singapore

Title: Analysis of Raman scattering signals for chemicals by using deep UV laser

Young Jin Koh, Agency for Defense Development, South Korea

Title: Measurement of Raman spectra for various real surfaces by using a 248 nm mobile Raman spectrometer

Young Jin Koh, Agency for Defense Development, South Korea

Title: Rapid detection of aerosolized Bacillus spore particles by direct in situ analysis of MALDI-TOF mass spectrometry

Young-Su Jeong, Agency for Defense Development (ADD), South Korea

Title: Raman spectral characteristics of toxic chemicals analyzed by a 248 nm mobile Raman spectrometer

Young-Su Jeong, Agency for Defense Development (ADD), South Korea

Title: Characterization of sputter-deposited w-44cr-35al alloys and their corrosion behavior in aggressive media

Raj Kumar Kaphle, Tribhuwan University, Kathmandu, Nepal

Title: Use of novel flow imaging particle analysis in biopharmaceutical formulation (FlowCam®)

Kent Peterson, Fluid Imaging Technologies, USA

Title: The development of semi-quantitative loop-mediated isothermal amplification (LAMP) assay using multi-well chip

Satoru Michiyuki, HEiken Chemeical Co., Japan

Title: Electrochemical sensing based on modified interfaces and analytical instrument-integrated applications

Li Niu, Changchun Institute of Applied Chemistry-CAS, China

Title: Multiplexed, flexible and portable plasmonic biosensing on-chip

Jie He, University of Cincinnati, USA

Title: Smartphones for sensing

Yu Bao, Changchun Institute of Applied Chemistry-CAS, China

Registrations

Tiburon

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Opening Ceremony

Keynote Forum

Introduction

Olivier Dapremont
AMPAC Fine Chemicals, USA

Gerhard Kratz
abcr GmbH, Germany

Track 1: Advances in Sample Preparation Techniques
Track 2: Membrane Processes
Track 3: High-Impact Application Fields

Session Chair: Hiroshi Uyama, Osaka University, Japan
Session Co-Chair: Kirk J Ziegler, University of Florida, USA

Session Introduction

Title: Membrane & Other Separation Technologies and Their Application to Food Technology
Yongjae Lee, Food Protein R&D Center at Texas A&M University, USA

MFI Zeolite Membranes for Water Desalination
Catia Algieri, Institute on Membrane Technology ITM-CNR, ITALY

Group Photo

Networking & Refreshments Break

Title: The Role of Surfactant Structure in the Separation of Single Walled Carbon Nanotubes (SWCNTs)
Kirk J Ziegler, University of Florida, USA

Title: Advanced separation technologies based on polymeric membranes for clean water and clean energy
Neal Tai-Shung Chung, National University of Singapore, Singapore

Title: Fabrication of Porous Monolithic Materials of Reactive Polymers for Protein Purification
Hiroshi Uyama, Osaka University, Japan

Title: Inorganic Metallic Membranes for Gas Separation
Simona Liguori, Stanford University, USA

Title: Discharge times of 3.0 micron superfine powders from a circulating fluidized bed of a binary mixture
Mohammed W Hakami, Yanbu Industrial College, Saudi Arabia

Title: Numerical investigation of gas- solid separation by liquid layer in horizontal pipes
Z Mansooria, Amirkabir University of Technology, Iran

Lunch Break

Track 6: Advances in Chromatography
Track 7: Advances in Mass Spectrometry

Session Chair: Solich Petr, Charles University, Czech Republic
Session Co-Chair: Pao-Chi Liao, National Cheng Kung University, Taiwan

Session Introduction

Title: Metabolomics approaches for bio-marker discovery for toxicant exposure of di-isononyl phthalates (DINPs) using liquid chromatography-high resolution mass spectrometry (LC-HRMS)
Pao-Chi Liao, National Cheng Kung University, Taiwan

Title: Evolution of mixed-mode from "mixing" silica gels to core-shell mixed-mode technology
Vlad Orlovsky, SIELC Technologies, USA

Title: Trends in development of stationary phases in chromatography
Solich Petr, Charles University, Czech Republic

Title: Advances and Applications of Supercritical Fluid Chromatohgraphyin Drug Discovery
Gerard Rosse, Dart NeuroScience, San Diego, CA, USA

Title: Nanoseparation-from Methodology to Application
Xiaoming Sun, Beijing University of Chemical Technology, China

Title: Reversible switching and memory of macromolecular helicity of a polyacetylene in the solid state and application to switchable enantio-separation in HPLC
Eiji Yashima, Nagoya University, Japan

Wall roughness effect on particle separation rate of the turbulent gas-solid flow in inclined pipes
Zohreh Mansoori, Amirkabir University of Technology, Iran

Networking & Refreshments Break

Day 2 August 11, 2015

Tiburon

Keynote Forum

Hiroshi Uyama
Osaka University, Japan
Andrew Shalliker
University of Western Sydney, Australia

Track 4: High Performance Liquid Chromatography
Track 5: Novel Techniques
Track 8: Product Related Processes

Session Chair: Eduard Rogatsky, Albert Einstein College of Medicine of Yeshiva University, USA
Session Co-Chair: Andrew Shalliker, University of Western Sydney, Australia

Session Introduction

Title: HPLC – High Performance Liquid Chromatography
Gerhard Kratz, Global Sales Director abcr Germany
Title: 10 years of evolution in UHPLC-MS chromatography: Current trends
Eduard Rogatsky, Albert Einstein College of Medicine of Yeshiva University, USA
Title: Femtosecond laser ablation of solid methane
A A Zaidi, Prince Sultan University, Saudi Arabia
Title: Advances in HPLC Purification of Peptides – Future Benefits of In-house Integration
Imre Sallay, Osaka, Japan

Networking & Refreshments Break

Title: Reaction flow chromatography: High efficiency post-column derivatisations
Andrew Shalliker, University of Western Sydney, Australia
Title: Magnetohydrodynamic electrophoresis: A novel fully validated method in bio/chemical analysis
Ali Aboel Dahab, King's College London, UK
Title: Two Dimensional Electrophoresis (2DE) guided purification novel technique in the isolation of bioactive proteins from complex mixtures
Jaya Vejayan, University Malaysia Pahang, Malaysia
Title: Thin layer chromatographic analysis of capsaicin and moisture contents from three varieties of capsicum peppers
Ekwere Mercy R, University of Calabar, Nigeria
Enhanced cleavage of amyloid peptides in the casein injected inflammatory brain of mice
Asokan C, Sokoto State University. Nigeria

Lunch Break

Workshop

Session Introduction

Title: Implementation of a continuous chromatographic process for the manufacturing of an API
Olivier Dapremont, AMPAC Fine Chemicals LLC, USA
Title: Modern techniques for enantiomeric separation: From grams to tons
Joseph Barendt, Chiral Technologies, Inc., USA
Title: Fast Centrifugal Partitioning Chromatograph for Extract Purification
Rob Driscoll, Robatel Inc., Pittsfield, MA
Large scale HPLC purification of peptides: The art of using spherical silica based packing material for producing large biomolecule with high purity
Marc Jacob, Phenomenex, USA

Young Research Forum

State-of-the-art manipulation of clinoptilolite crystalline structure for gas separation
Afrooz Farjoo, University of Alberta, Canada

Networking & Refreshments Break

Panel Discussion

Day 3 August 12, 2015

Tiburon

Keynote Forum

Kirk J Ziegler
University of Florida, USA

Track 9: Clinical chemistry, Biomarkers and Diagnostics assays
Track 10: Complementary separation techniques
Track 11: Green Technologies, Future Challenges and Trends

Session Chair: Juan G Santiago, Stanford University, USA

Session Introduction

Title: Life in the shock wave: Accelerating DNA reactions with isotachophoresis
Juan G Santiago, Stanford University, USA

Ultra-sensitive capillary electrophoresis for single cell analysis
Takayuki Kawai, RIKEN, Japan

Title: KuiqpicK™ and UnipicK™: Versatile instruments for single cell acquisition and complex heterogeneous tissue microdissection
Stanislav L Karsten, NeuroInDx, Inc., USA

Networking & Refreshments Break

Role of α-B crystallin on serum amyloid a fibrils and effect of β-amyloid with systemic amyloidotic mice brain
Asokan C, Sokoto State University, Nigeria

Video Presentations

Two-dimensional capillary electrophoresis separation and on-line tandem mass spectrometry detection of antigripal drugs and their metabolites in urine matrices
Peter Mikus , Comenius University in Bratislava, Slovakia

Significance Significance of separation and identification techniques in solving crimes, many problems, scope and suggestions in forensic field
Rakhi Khanna, Regional Forensic Science Laboratory, Ajmer, India

Lunch Break

Title: Comparative sex hormonal indices of male and female rats exposed to uppercott (mixture of organophosphate/ pyrethroid) pesticide
Ekwere Mercy R, University of Calabar, Nigeria

Characteristics of fibrillar form of β-Amyloid peptide fractions from mice brain affected by systemic amyloidosis
Asokan C, Sokoto State University, Nigeria

Poster Presentation

Award Ceremony & Thanks Giving



Scientific Program

6th International Conference and Exhibition on

Analytical & Bioanalytical Techniques

September 01-03, 2015 Valencia, Spain



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Email: analytica@conferenceseries.net; analytica@conferenceseries.com

Day 1 September 01, 2015

Registrations

Keynote Forum

Introduction

Florence Geneste
University of Rennes, France

Aly Moussa
Anses Lyon Laboratory, France

Title: Precise analysis of elements in silica powders by LA-ICP-MS
Istvan Halasz, PQ Corporation, USA

Title: Analytical tasks stemming from therapeutical prospects of electron deficient boron cluster compounds
Radim Vespalec, Academy of Sciences of the Czech Republic, Czech Republic

Workshop on Importance of analytical methods to understand the complexity and diversity of protein aggregation
Tudor Arvinte, University of Geneva, Switzerland

Title: New analytical methods to measure protein aggregates in biopharmaceuticals
Tudor Arvinte, University of Geneva, Switzerland

Title: R&D of electrochemical sensors & instruments in ELMAT & SKLEAC
Li Niu, Chinese Academy of Sciences, China

Title: Electrochemical preparation and characterization of gold nanoparticles graphite electrode: Application to myricetin antioxidant analysis
Guan Huat Tan, University of Malaya, Malaysia

Title: Electrochemical DNA biosensors and their potential applications to nanobiotechnology
Seda Nur Topkaya, Ege University School of Pharmacy, Turkey

Title: Determination of amlodipine in human plasma by liquid chromatography-tandem mass spectrometry and its application to pharmacokinetics & bioequivalence studies
Syed N Alvi, King Faisal Specialist Hospital & Research Center, Saudi Arabia

Title: Targeting transcription factors with DNA interactive small molecules
Khondaker Miraz Rahman, Kings college of London and Transcriptogen Limited, UK

Title: The biological activity of streptomycin and related molecules are associated with the presence of 2 functional guanidine groups
Aly Moussa, Anses Lyon Laboratory, France

Title: Comparison of the performance of amines and ionic liquids as additives in RPLC for the analysis of basic compounds
María José Ruiz-Ángel, University of Valencia, Spain

Title: NMR quantification in the verification of compounds: Simple to complex mixtures
Joshua M Hicks,Catalent Pharma Solutions, USA

Title: Determination of activated methyl cycle metabolites and glutathione in cabbage upon sulfate deprivation and copper toxicity
Mei-Hwei Tseng, University of Taipei, Taiwan

Title:Advances in structural biology of glycosaminoglycans by 15N-NMR spectroscopy
Vitor H Pomin, Federal University of Rio de Janeiro, Brazil

Title: Development and implementation of metabolomics platform: Considerations for successful discovery and validation of biomarkers
Alla Kloss, Sanofi, USA

Title: Hyper-multicolor high-content cellular assay based on quantum dot nanoprobe
Joon Myong Song, Seoul National University, South Korea

Title:Use of "Omics" technologies for mechanistic understandings of toxicological events
Toshinori Yamamoto,RaQualia Pharma Inc., Japan

Title: Analytical possibilities of ultra-high resolution mass spectrometry
Evgeny Nikolaev, Skolkovo Institute of Science and Technology (Skoltech), Russia

Title: The effect of anticoagulant types in analyzing levofloxacin in human plasma by high performance liquid chromatography-photodiode array
Yahdiana Harahap, Universities Indonesia, Indonesia

Title: Enantiomeric separation of biologically active 2-Pyrazolines on Lux Cellulose-2 and Lux Amylose-2: A comparative study

Mohammed Farrag El-Behairy, National Research Centre, Egypt

Title: Identification and quantification of proteins participating in apoA-1 and apoB-100 mediated cholesterol transport by field-flow fractionation and LC-MS/MS analysis

Zsuzsanna Kuklenyik, Centers for Disease Control and Prevention, USA

Title: Development of new stigmatic imaging mass spectrometer and its application to metal cation distribution in fish

Jun Aoki, Osaka University, Japan

Title: Gas chromatography with flame ionization detection of 1,4-dioxane in palm-based fatty alcohol ethoxylates

Bonnie Tay-Jones Yen Ping, Malaysian Palm Oil Board, Malaysia

Title: Speciation of trace arsenic compounds in drinking water with counter-flow electrokinetic supercharging

Doo Soo Chung, Seoul National University, Korea

Title: Application of passive sampling techniques as an usable tool in the field of environmental quality monitoring

Jacek Namieśnik, Gdansk University of Technology, Poland

Title: Detection of cyproconazole using silver affinity electrochemical separation electrospray ionization mass spectrometry

Jana Jaklová,Scientist, Academy of Sciences of the Czech Republic,Czech Republic

Title: Overview of Mintek's research and development

Makhapa Makhafola, Mintek, South Africa

Title: An auto self-cleaning filter for on-line analyzers

Yuhui (Henry) Zhao, Epcor Water Canada, Canada

Title: Application of novel analytical techniques and data analysis tools for comprehensive metabolomics analysis of complex biological mixtures

Vladimir Shulaev, University of North Texas, USA

Title: Cosmetic ingredients: From the cosmetic to the human body and the environment

Alberto Chisvert, University of Valencia, Spain

Title: Design of hybrid monolithic materials modified with nanoparticles: Application to the separation of small solutes and bio-macromolecules

José Manuel Herrero-Martínez, University of Valencia, Spain

Title: Assessment of cytotoxic and endocrine potential of selected xenobiotics commonly present in food products

Katarzyna Owczarek, Gdańsk University of Technology, Poland

Title: Assessment of toxic effect and endocrine potential of food packages extracts

Natalia Szczepańska, Gdańsk University of Technology, Poland

Title: Recent progress of deep UV LED

Cyril Pernot, NIKKISO CO., LTD, Japan

Title:Measurement of histones in mammalian cell culture harvest

Lihan Tan, Bioprocessing Technology Institute, Singapore

Title: Immunoassays in drug development – Comparing and contrasting different platforms

Kabir Hussain, MedImmune, UK

Title:Uncertainty profile; a global strategy for validation and estimation of uncertainty: Application to a high-performance thin-layer chromatographic method

Yassine Hameda Benchekroun, Sidi Mohamed Ben Abdallah University, Morocco

Title: C18-bound partially sub-1µm porous silica monolith particles as low cost HPLC-stationary phase of excellent chromatographic performance and fast HPLC analysis

Faiz Ali, Inha University, South Korea

Title: Labs, cells and organs on a chip

Albert Van Den Berg, BIOS/Lab on a Chip group, The Netherlands

Title: Comprehensive overview of biophysical studies of lipoprotein stability

Shobini Jayaraman, Boston University School of Medicine, USA

Determination of amlodipine in human plasma by liquid chromatography–tandem mass spectrometry and its application to pharmacokinetic & bioequivalence studies

Syed N Alvi, King Faisal Specialist Hospital & Research Center, Saudi Arabia

In situ suspended aggregate micro-extraction: A new sample preparation approach for the enrichment of organic compounds in aqueous solutions

Alberto Chisvert, University of Valencia, Spain
Determination of N-nitroso-diethanolamine in cosmetic products by reversed-phase dispersive liquid-liquid micro-extraction followed by liquid chromatography
Alberto Chisvert, University of Valencia, Spain
Fast determination of bronopol in cosmetic products by vortex-assisted emulsification extraction combined with liquid chromatography
Alberto Chisvert, University of Valencia, Spain
Determination of N-nitroso-diethanolamine in cosmetic products by reversed-phase dispersive liquid-liquid micro-extraction followed by liquid chromatography
Alberto Chisvert, University of Valencia, Spain
Validated determination of escitalopram by capillary zone electrophoresis in pharmaceutical preparations
Arın Gül Dal, Anadolu University, Turkey
Thermal denaturation and aggregation of bovine serum albumin
Borzova Vera Alexandrovna, Russian Academy of Sciences, Russia
Quantitative dried blood spot analyses: An aid to medicine optimization for heart disease patients
Dennis Bernieh, De Montfort University, UK
Multi-residual determination of developmental neurotoxic compounds in human milk
Eliska Cechova, Masaryk University, Czech Republic
Layered double hydroxide membranes as phosphate sensitive electrodes
Martin Emeka Enemchukwu, University of South Africa, South Africa
Hapten synthesis and immunoassay development for fluopyram analysis in food samples
Eric Ceballos-Alcantarilla, Universitat de València, Spain
Comparison of gradients of organic solvent in micellar liquid chromatography using the surfactants sodium dodecyl sulphate and Brij-35
Ester Peris-García, University of Valencia, Spain
DNA-functionalized electrochemical biosensor based on poly-(pyridine dicarboxylic acid) coated glassy carbon electrode for the study of anticancer drug gemcitabine
Gozde Aydogdu Tıg, Ankara University, Turkey
Hapten synthesis and monoclonal antibody-based immunoassays for cyprodinil residue analysis in food
Guillermo Quiñones Reyes, Universitat de València, Spain
Determination of arsenic by atomic spectroscopy by its volatile hydride generated electrochemically
Hugo Romero, Technical University of Machala, Ecuador
An NMR-based metabolomic approach to seek reliable markers for different botanical origins of mono-floral Italian honey
Jalal Uddin, University of Padova, Italy
Development and applications of desorption atmospheric pressure photoionization-mass spectrometry
Jan Rejšek, Institute of Organic Chemistry and Biochemistry, Czech Republic
Rapid instrumental detection and quantification of counterfeit pharmaceutical tablet formulations: Is ATR-FTIR an option?
John Ogwu, De Montfort University, UK
Analysis of cork taint responsible compounds in wine cellar atmosphere, wine and cork by dispersive liquid-liquid microextraction and gas chromatography-mass spectrometry
M Hernández-Córdoba, University of Murcia, Spain
Degradation kinetics of Aliskiren hemifumarate under stress conditions and its determination in tablets by stability indicating HPLC method
Maha Said Ahmed Abd El-Tawab, Cairo University, Egypt
Validation of a green chromatographic method for the analysis of β-blockers that uses a surfactant aqueous solution as mobile phase
María José Ruiz-Ángel, University of Valencia, Spain
Determination of alkylphenols in cleaning products using ultrasound assisted extraction and dispersive liquid-liquid microextraction with liquid chromatography-diode array-tandem mass spectrometry
M Pastor, University of Murcia, Spain
Analysis of biological material: Determination of neurotoxic pesticides and their metabolites in tissues and body fluids
Marta Seifertova, Masaryk University, Czech Republic
UPLC-MS/MS method for the determination of Vilazodone in human plasma: Application to a pharmacokinetic study
Marwa Fouad, Cairo University, Egypt
Improved MALDI mass spectrometry by EW-controlled sample preparation

Olena Kudina, University of Twente, The Netherlands
Comparison of three modes of fluorescence spectrometry to determine the enantiomeric composition of fluoxetine in tablets by multivariate calibration methods
Roman Polacek, Slovak University of Technology, Slovakia
Evolution of an analytical strategy aimed at the determination of sialic acid in group B Streptococcus polysaccharide
Sanna Coccone S, Glaxo Smith Kline, Italy
Purification of bioactive peptides from whey with HPLC
Seda Kusoglu, Uskudar University, Turkey
Simultaneous capillary zone electrophoretic determination of hydrochlorothiazide and certain angiotensin-II receptor antagonists in pharmaceutical preparations
Sema Koyutürk , Anadolu University, Turkey
Maximization of the chromatographic information in green tea fingerprinting
Tamara Alvarez-Segura, University of Valencia, Spain
RP-HPLC method for the simultaneous determination of Carbamazepine and Nilotinib: Application to interaction studies
Zeynep Aydomuş, Istanbul University, Turkey
Development and validation of fast LC-MS/MS method for the determination of folic acid in human plasma
Aref Zayed, Jordan University of Science and Technology, Jordan
Stuffer-free multiplex ligation-dependent probe amplification technology for identifying the copy number variation markers associated with the risk of SLE
Yeun-Jun Chung, The Catholic University of Korea, Korea
Validated liquid chromatographic method for simultaneous determination of metformin, pioglitazone, sitagliptin, repaglinide, glibenclamide and gliclazide: Application for counterfeit drug analysis
Asmaa A El-Zaher, Cairo University, Egypt
Evaluation of the effect of maternal smoking on steroid hormone levels in placenta using metabolomic approach
Alicja Kotłowska, Department of Food Sciences, Faculty of Pharmacy, Medical University of Gdańsk
Total proteins change in reconstituted freeze-dried reference materials used in clinical chemistry
Bára Vinklárková,Masaryk University, Czech Republic
Analysis of monoclonal antibodies and antibody-drug-conjugates using new hydrophobic interaction chromatography (HIC) columns
Robert van Ling, Thermo Fisher Scientific, The Netherlands
Determination of Vitamin B12 in Sea Buckthorn (Hippophaes rhamnoides)
Michail Nakos, Institute of Technical Chemistry - Leibniz Universität Hannover , Germany

Introduction

Olivier Dapremont
AMPAC Fine Chemicals, USA

Gerhard Kratz
abcr GmbH, Germany

Title: Membrane & Other Separation Technologies and Their Application to Food Technology
Yongjae Lee, Food Protein R&D Center at Texas A&M University, USA
MFI Zeolite Membranes for Water Desalination
Catia Algieri, Institute on Membrane Technology ITM-CNR, ITALY
Title: The Role of Surfactant Structure in the Separation of Single Walled Carbon Nanotubes (SWCNTs)
Kirk J Ziegler, University of Florida, USA
Title: Advanced separation technologies based on polymeric membranes for clean water and clean energy
Neal Tai-Shung Chung, National University of Singapore, Singapore
Title: Fabrication of Porous Monolithic Materials of Reactive Polymers for Protein Purification
Hiroshi Uyama, Osaka University, Japan
Title: Inorganic Metallic Membranes for Gas Separation
Simona Liguori, Stanford University, USA
Title: Discharge times of 3.0 micron superfine powders from a circulating fluidized bed of a binary mixture
Mohammed W Hakami, Yanbu Industrial College, Saudi Arabia
Title: Numerical investigation of gas- solid separation by liquid layer in horizontal pipes
Z Mansooria, Amirkabir University of Technology, Iran
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