EuroSciCon

8th Edition of International Conference and Exhibition on

Separation Techniques

July 29, 30

Dublin, Ireland

2019



Separation Techniques

http://separationtechniques.euroscicon.com

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Advancements in Separation Techniques**	Talks On: **Emerging Sample Preparation Process**	Talks On: **Analytical Chemistry**
	Talks On: **Bioanalytical Techniques**	Talks On: **Biomarker and Biosensors Analysis - Regulations**	Talks On: **Mass Spectrometry**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Electrophoresis**	Panel Over: **Future of Biomarkers**	Panel Over: **Instrumental Chemistry**
	Workshop On: **HPLC-ESI-MS / HPLC-CE-MS - mass spectrometry**	Workshop On: **Spectroscopic Imaging**	Workshop On: **Mass Spectrometry Configurations and Separation Techniques**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Spectroscopic Methods in Separation Techniques**	Talks On: **Hyphenated Techniques**	Talks On: **Chromatography**
	Lectures on: **Advancements of Electrophoresis**	Lectures on: **Separation Techniques in Environmental Science**	Lectures on: **Applications of Separation Techniques**
06:00 PM	Session On: **Cytometry**	Session On: **Nuclear Magnetic Resonance Imaging techniques**	Session On: **Separation Techniques in Organic & Inorganic Chemistry**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Polymer & Biopolymer chemistry**	Talks On: **Separation Science in Green Chemistry**	Talks On: **Desalination**
	Talks On: **Membrane Separation Techniques**	Talks On: **Separation Techniques in clinical / Pharmaceutical Chemistry**	Talks On: **Wastewater Treatment and Purification Techniques**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Market analysis of Separation Techniques & Instrumentation**	Panel Over: **Separations using Adsorbents**	Panel Over: **Separation Techniques in Chemical Engineering**
	Workshop On: **Solvent Extraction and Ion Exchange separations**	Workshop On: **Applications of Icp ms in Chemical Analysis of Forensic Evidence**	Workshop On: **Membrane Development and Characterization**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Separation Process in Chemical Engineering**	Talks On: **Sewage Treatment Process**	Talks On: **Researches in Water Treatment**
	Lectures on: **Separation Techniques inherited for air/water/soil pollution**	Lectures on: **Industrial Separation & Chemical Separation Technologies**	Lectures on: **Recent advances of Membrane Separation Technology**
06:00 PM	Session On: **Future trends of Separation Techniques**	Session On: **Pollution Separation Techniques**	Session On: **Separation Techniques in Nanotechnology**
	NETWORKING	**NETWORKING**	**NETWORKING**

Previous Speakers of Separation Techniques



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Russia



Olga Dalnova
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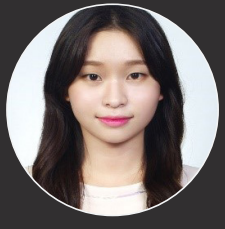
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Soon Uk Chae
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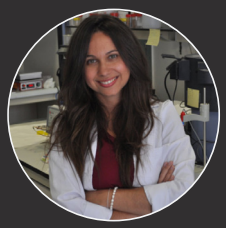
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For detailed sessions, please visit:

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Plan a Trip to Dublin, Ireland

Dublin is the capital and largest city in Ireland. Dublin is in the province of Leinster on the east coast of Ireland, at the mouth of the River Liffey and bordered on the south by the Wicklow Mountains. Dublin was as a global city, with a ranking of “Alpha-”, which places it amongst the top thirty cities in the world. It is a historical and contemporary Centre for education, the art, industry, administration, and economy. There are many historical monuments and landmarks in the great city of Dublin some of the area include Dublin Castle, Guinness Storehouse, the Spire of Dublin and many public parks like Phoenix Park, Dublin Zoo (Panda Zoo) & Ashtown Castle. Dublin was also referred as “Tech Capital of Europe” & “European Capital of Science” along with that this great city of Dublin has the title “UNESCO City of Literature”. So, this great city has been considered as an educational hub of Ireland where about three fourth of Scientists are doing their research in Dublin. Research activity is not constrained to colleges and expansive research organizations. By seeing the wonders this great city Dublin it has been twinned in 4 countries around the world as San Jose - United States, Liverpool - United Kingdom, Barcelona - Spain, Beijing - China, Emmetsburg, Iowa - United States

Don’t miss to visit

College Green, Trinity College
Christ Church Cathedral
Cliffs of Moher
Clarecastle
Dublin Castle
Merrion square
St Stephen’s Green
Phoenix Park
Guinness Brewery
the Spire of Dublin
National Library of Ireland
The Custom House
Dublin Zoo (Panda Zoo)

GLIMPSES OF SEPARATION TECHNIQUES 2018













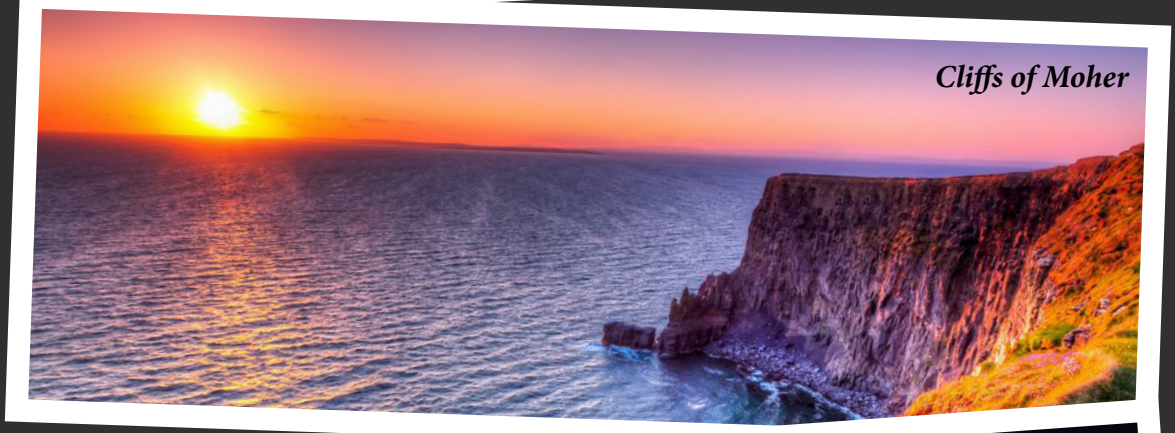




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City Attractions



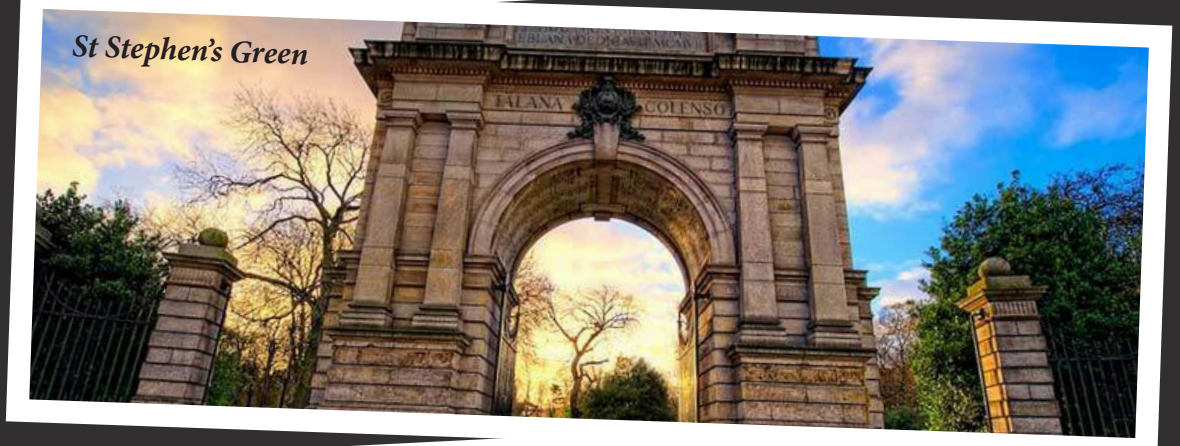






City Attractions









EuroSciCon

7th Edition of International Conference and Exhibition on

Separation Techniques



July 05-07, 2018

Berlin, Germany

EuroSciCon

Separation Techniques 2018

Agenda Day 1: July 05, 2018

Sylt 4-5

08:30-09:30 **Registrations**

09:30-09:50 Opening Ceremony

Keynote Forum

09:50-10:00 Introduction

10:00-10:30

Title: Development of high-throughput and high sensitivity capillary gel electrophoresis platform method for Western, Eastern and Venezuelan equine encephalitis (WEVEE) virus like particles (VLPs) purity determination and characterization

Jonathan W Cooper, National Institute of Health, USA

10:30-11:00

Title: A novel integrated system combining MBR and worm-fixing bed for simultaneous sewage treatment, sludge reduction and membrane fouling mitigation

Jun Zhang, Harbin Institute of Technology, China

Networking and Refreshments 11:00-11:15 @ Sylt Foyer

Session Introduction

Sessions: Recent Developments in Separation Techniques | Recent Upgrades in Sample Preparation Process | Chromatography | Desalination & Wastewater Treatment Techniques | Separation Techniques in Environmental Chemistry

Session Chair: Martin Schimpf, Boise State University, USA
Session Co-Chair: Fawzi Banat, Khalifa University, UAE

11:15-11:40

Title: *In-situ* studies of thin-film composite reverse osmosis membranes with small-angle neutron scattering during the process of desalination

Dietmar Schwahn, Technische Universität München, Germany

11:40-12:05

Title: The role of equilibrium in separation of polymers by SEC

Miloš Netopilík, Institute of Macromolecular Chemistry AS CR, Czech Republic

12:05-12:30

Title: Separation and preconcentration of Au and Ag from waste electrical and electronic equipment in HR CS ETAAS analysis

Olga A Dalnova, National University of Science and Technology MISiS, Russia

12:30-12:55

Title: Determination and excrete of precious and ecotoxical elements in metal wastes, approach and implementation for the areal control

Vasilina V Eskina, National University of Science and Technology MISiS, Russia

Group Photo

Lunch Break 12:55-13:55 @ Restaurant Rienäcker

13:55-14:20	**Title: A approach for untarget to target metabolomics for different bio-samples** Zhang Jinlan, Institute of Materia Medica CAMS & PUMC, China
14:20-14:45	**Title: Integrated MFC-MBR system for wastewater treatment and membrane fouling mitigation** Jun Zhang, Harbin Institute of Technology, China
14:45-15:10	**Title: MnO_2 stucture induced surface charge effect on the performance of capacitive deionization in different pH** Su Xu, National Tsing Hua University, Taiwan
15:10-15:35	**Title: Green extraction techniques for separation and enrichment of traces analyte ions in water, food and environmental samples** Mustafa Tuzen, Gaziosmanpasa University, Turkey

Networking and Refreshments 15:35-15:50 @ Sylt Foyer

15:50-16:15	**Title: A simple pre-column derivatization method for the determination of Mancozeb technical (fungicide) by reverse phase HPLC-UV** Devender Thayar Seshadri, Indofil Industries Limited, India
16:15-16:40	**Title: Separation techniques used by chemist for getting pure compounds** Kaurav Manvendra Singh, Jiwaji University, India

Agenda Day 2: July 06, 2018

Sylt 4-5

Keynote Forum

10:00-10:30	**Title: Enabling innovative process solutions with tight nanofiltration ceramic membranes** Tracy Bantegui, Cerahelix Inc, USA
10:30-11:00	**Title: Novel surfactant modified porous graphitic carbon: An effective and sustainable adsorbent for organic dye removal** Fawzi Banat, Khalifa University, UAE

Networking and Refreshments 11:00-11:15 @ Sylt Foyer

Session Introduction

Sessions: Analytical Chemistry | Mass Spectrometry | Spectroscopic Methods in Separation Techniques | Separation Techniques and Applications | Membrane Separation Techniques

Session Chair: Jonathan W Cooper, National Institute of Health, USA

Session Co-Chair: Miloš Netopilík, Institute of Macromolecular Chemistry AS CR, Czech Republic

11:15-11:40	**Title: Scaling of calcium and barium sulfates on ion exchange membranes during donnan exchange and electrodialysis** Yoram Oren, Ben-Gurion University of the Negev, Israel
11:40-12:05	**Title: A microfluidic tool for the investigation of liquid-liquid extraction kinetics** Axel Vansteene, Université Pierre et Marie Curie, France
12:05-12:30	**Title: Microfluidic devices: Electromembrane extraction or liquid phase microextraction?** María Ramos Payán, University of Sevilla, Spain
12:30-12:55	**Title: New bioactive metabolites from *Daucus virgatus* (Apiaceae) growing in Tunisia** Saoussen Hammami, Monastir University, Tunisia

Lunch Break 12:55-13:55 @ Restaurant Rienäcker

Poster Presentations 13:55-14:55 @ Sylt Foyer

Poster Judge: Zhang Jinlan, Institute of Materia Medica CAMS & PUMC, China

SEPTQP001	**Title: Dual-channel GC×GC-FID for routine TPH analyses** Ruslan Dedishov, SepSolve Analytical, United Kingdom
SEPTQP002	**Title: Aroma profiling of pet food using high-capacity sorptive extraction and TD–GC×GC–TOF MS** Ruslan Dedishov, SepSolve Analytical, United Kingdom
SEPTQP003	**Title: Profile proteins/peptides composition in zein excipient by silver staining SDS-PAGE and LC-MS/MS** Menglin Li, Institute of Materia Medica CAMS & PUMC, China
SEPTQP004	**Title: A novel strategy to rapid characterization and quantification of commercial polysorbate 80 by high performance liquid chromatography with quadrupole time-of-flight mass spectrometry and computer-aided data analysis** Zhe Wang, Institute of Materia Medica CAMS & PUMC, China
SEPTQP005	**Title: A novel UPLC/MS/MS method for comprehensive profiling and quantification of fatty acid esters of hydroxy fatty acids in white adipose tissue** Ting Hu, Institute of Materia Medica CAMS & PUMC, China
SEPTQP006	**Title: Determination of cyaniding 3-glucoside in rat plasma using LC-MS/MS and its application to a pharmacokinetic study of aronia extracts** Soon Uk Chae, The Catholic University of Korea, South Korea
SEPTQP007	**Title: Quantitation of spinosin in mouse plasma by liquid chromatography tandem mass spectrometry and its application to a pharmacokinetic study** Chae Bin Lee, The Catholic University of Korea, South Korea
SEPTQP008	**Title: Arsenic speciation by using new syntheses polymeric material and solid phase microextraction and its graphite furnace atomic absorption spectrometric determination** Mustafa Tuzen, Gaziosmanpasa University, Turkey
SEPTQP009	**Title: Stereoselective high-performance liquid chromatographic (HPLC) method** Aymen Khalid AL-Suwailem, King Saud University, Saudi Arabia
SEPTQP010	**Title: 1-Buthyl-3-methyl imidazolium hydrogen sulfate ionic liquid as an efficient and reusable catalyst for the synthesis of 5-substituted 1H-tetrazoles** Abbas Amini Manesh, Payame Noor University, Iran

Networking and Refreshments 14:55-15:10 @ Sylt Foyer

Agenda Day 3: July 07, 2018

Sylt 4-5

Keynote Forum

10:00-10:30	**Title: Theoretical models applied on size exclusion chromatography** Miloš Netopilík, Institute of Macromolecular Chemistry AS CR, Czech Republic
10:30-11:00	**Title: A fast and simple dynamic separation method for minor-adjustments of the retention of peptides in RPLC-Exposing "Regular" and "Irregular" Samples** Xindu Geng, Institute of Modern Separation of Science Northwest University, China

Networking and Refreshments 11:00-11:15 @ Sylt Foyer

Session Introduction

Sessions: Separation Techniques in Clinical/Pharmaceutical Chemistry | Separation Techniques in Chemical Engineering | New Instrumentation and Multidimensional Separations | Separation Techniques in Organic Chemistry | Separation Techniques used in Nanotechnology

Session Chair: Tracy Bantegui, Cerahelix Inc, USA

Session Co-Chair: Martin Schimpf, Boise State University, USA

11:15-11:40 **Title: Development and application of technologies for sodium chloride solution preparation from concentrated seawater by membrane**

Junsheng Yuan, Hebei University of Technology, China

11.40-12:05 **Title: Thorough CO_2 capture and conversion by accelerated mineral carbonation processes with Ca^{2+}, Mg^{2+}//Cl^- system**

Yingying Zhao, Hebei University of Technology, China

Young Research Forum

12:05-12:30 **Title: A simple pre-column derivatization method for the determination of Mancozeb technical (fungicide) by reverse phase HPLC-UV**

Narendra Hanumanta Petha, Indofil Industries Limited, India

Lunch Break 12:30-13:30 @ Restaurant Rienäcker

Award Ceremony



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