EuroSciCon

8th Edition of International Conference and Exhibition on

Separation Techniques

July 29, 30

Dublin, Ireland

2019



Separation Techniques

https://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: **Wastewater Treatment**	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:** Advances in Water Treatment
	Lectures on: Separation Techniques inherited for air/water/soil pollution	**Lectures on:** Chemical Separation Technologies	**Lectures on:** Industrial Separation Techniques
06:00 PM	**Session On:** Future trends of Separation Techniques	**Session On:** Pollution Separation Techniques	**Session On:** Separation Techniques using Nanotechnology
	NETWORKING	**NETWORKING**	**NETWORKING**

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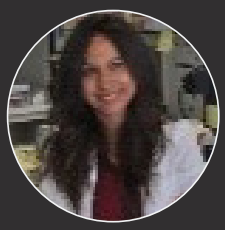
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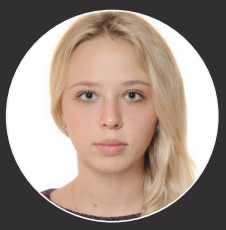
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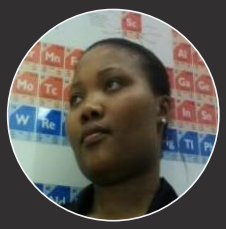
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Plan a Trip to Dublin, Ireland

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











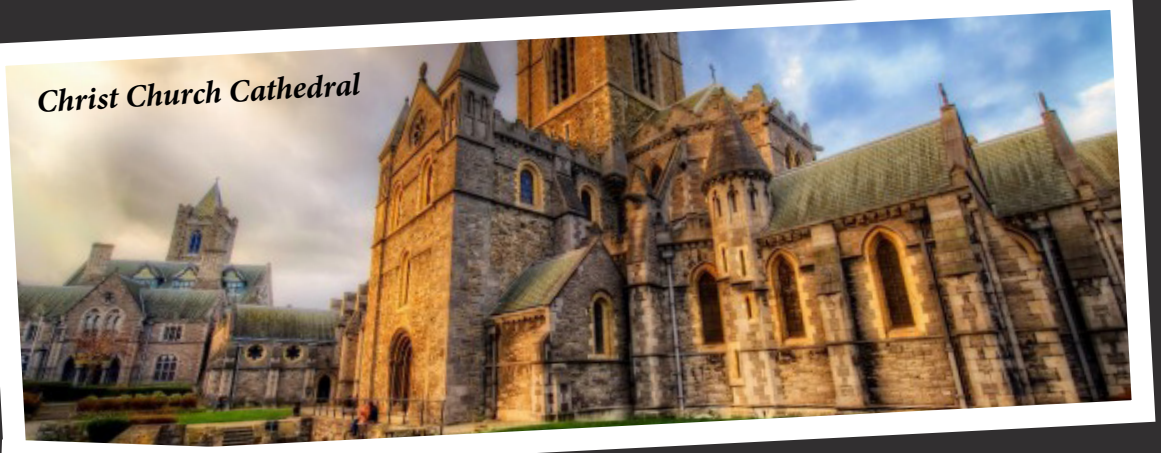


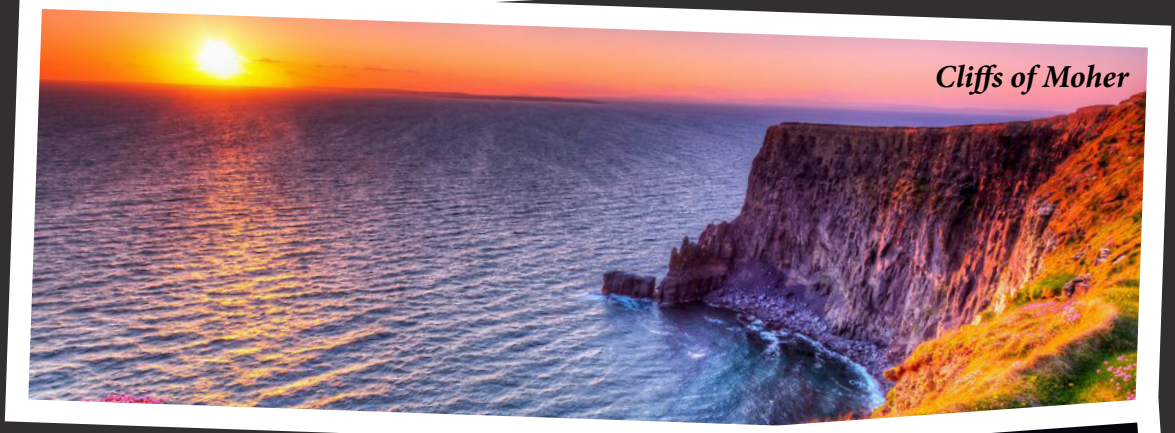




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City Attractions



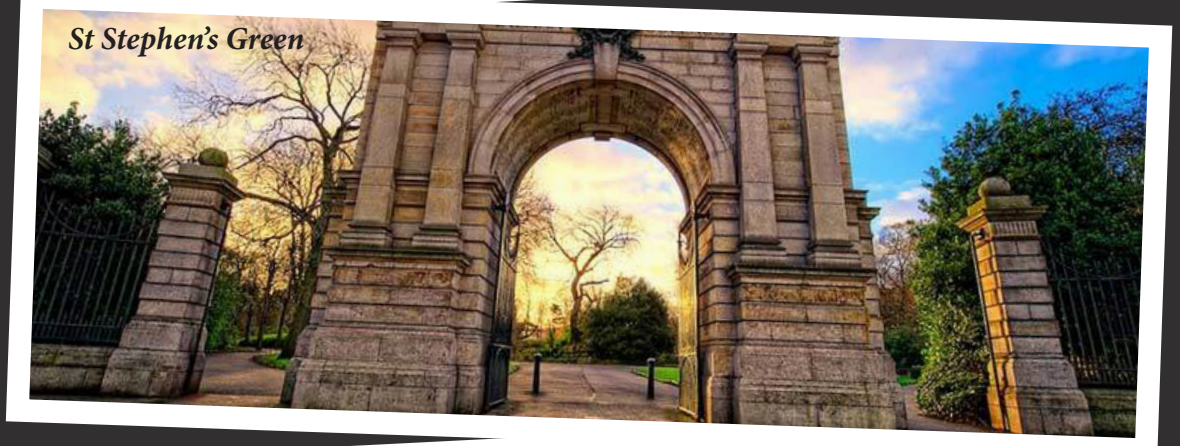






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DAY-1

September 13, 2018

Meeting Hall: **Berlin**

Registrations

Opening Ceremony

KEYNOTE FORUM

Introduction

Title: Interfacial impedimetric biosensor

Terry Chilcott, University of Sydney, Australia

Title: New versatile and accurate experimental set up to characterize membranes for gas and vapour separation processes

Giuseppe Firpo, University of Genova, Italy

GROUP PHOTO

Networking & Refreshments

Title: Valorization of Olive-waste cake aqueous extracts by tight ultrafiltration and nanofiltration membranes

Conidi Carmela, ITM-CNR, Italy

Title: Dry and separation of fine lignite in pulsed fluidized bed system

Chenlong Duan, China University of Mining and Technology, China

Title: Change refinery gasoline economics by breakthrough smart technologies: RHT- alkylation and RHT-iso-octene and iso-octane technology: Advances in alkylation technology

Amarjit Bakshi, Refining Hydrocarbon Technologies LLC, USA

Lunch Break

Sessions: Novel Separation Techniques in Chemistry | Separation Methods and Techniques | Applications of Separation Techniques | Separation Processes in Chemical Engineering

Chair: Chenlong Duan, China University of Mining and Technology, China

Co-Chair: Conidi Carmela, ITM-CNR, Italy

INTRODUCTION

Title: The relationship between the acoustic-cavitation bubbles' behavior and the fluctuating motion of particles spherically flocculated by 20-kHz-ultrasound irradiation in water

Hiroya Muramatsu, Shizuoka University, Japan

Title: Isolation of polyphenols from wastes produced by wine industry

Martin Topiar, Institute of Chemical Process Fundamentals of the CAS, Czech Republic

Title: DC- SP- ETVS- Dynamic characteristics and screening performance of an equal-thickness vibrating screen
Jinpeng Qiao, China University of Mining and Technology, China
Title: F-PDFB- fine coal beneficination by pulesd dense-phase fluidized bed
Xuchen Fan, China University of Mining and Technology, China

Networking & Refreshments

Title: Optimization study for preparation of activated carbon from Iraqi date palm fronds using response surface methodology on removal of phenolic compounds from aqueous solution
Jasim M Salman, Al-Nisour University College, Iraq
Title: Asymmetric Solid Polysulphone (PSF) membranes for Ultrafiltration (UF) processes in the industrial grade wastewaters purification field
A Saccà, ITAE - National Research Council of Italy, Italy
Title: Bat inspired algorithm with the aid of artificial neural networks for optimization of tartrazine adsorption onto polypyrrole/$SrFe_{12}O_{19}$/graphene oxide nanocomposite
Maryam Sayah, Islamic Azad University, Iran

VIDEO PRESENTATION

Title: Forensic crime detection based on separation techniques: Recent problems and new insight to investigation
Rakhi Khanna, Regional Forensic Science Laboratory, India

Panel Discussion

DAY-2

September 14, 2018
Meeting Hall: **Berlin**

KEYNOTE FORUM

Introduction
Title: Analytical and bioanalytical techniques
Pawan Saharan, Biomix Network INC., India
Title: Modern information technology in petrochemistry
Zhangisina Gulnur Davletzhanovna, International Academy of Informatization, Kazakhstan

Networking & Refreshments

SPECIAL SESSION

Title: Enhanced membrane distillation performance of PDMS/PVDF hollow fiber composite membrane for phenols removal from coal gasification wastewater
Jie Yao, National Engineering Center of Urban Water Resources, China
Hao Sun, Harbin Institute of Technology, China

Sessions: Membrane Technology in Separation Processes | Applications of Separation Techniques | Analytical and Bioanalytical Techniques | Water Desalination

Chair: **Zhenfu Luo,** University of Mining and Technology, China
Co-Chair: **Giuseppe Firpo,** University of Genova, Italy

INTRODUCTION

Title: An overview of renewable fuels ethanol from cellulose and bio-diesel from conventional/algae feed status and economic options for ETBE
Amarjit Bakshi, Refining Hydrocarbon Technologies LLC, USA

Lunch Break

Title: An innovative solid particle separation-classification process in a liquid-solid multiphase system by using 20-kHz ultrasound: The relationship between particle flocculation patterns and gases concentration in water
Takayuki Saito, Research Institute of Green Science and Technology - Shizuoka University, Japan
Title: *In situ* physicochemical and electrochemical characterizations of membrane compaction, desalination and calcium fouling
Terry Chilcott, University of New South Wales, Australia

POSTER PRESENTATIONS

Poster Judge: **Pawan Saharan,** Biomix Network INC., India

ST01 **Title:** DBSV FB – Density based separation of fine coal in a vibrated fluidized bed using Geldart B magnetite powder
Yadong Zhang, China University of Mining and Technology, China

ST02 **Title:** Experimental study on dry separation of fine coal
Bo Lv, China University of Mining and Technology, China
Zhenfu Luo, China University of Mining and Technology, China

ST03 **Title:** Pyrite magnetic strengthen and magnetic separation desulfurization of fine coal based on microwave energy
Bo Zhang, China University of Mining & Technology, China

ST04 **Title:** Application of polypyrrole-based stir bar sorptive extraction in combination with ion mobility spectrometry for the determination of chlorpyrifos in water and fruit samples
Mansoureh Kermani, Isfahan University of Technology, Iran

ST05 **Title:** Solvent extraction kinetics of silver with methyl ketonic p-tert-octylcalix[4]arene in the modified lewis cell
Jee Young Kim, Kosin University, South Korea

ST06 **Title:** Retention characteristics of bismuth (III) from aqueous media using 1, 10- phenanthroline impregnated polyurethane foam sorbent: Kinetic and thermodynamic study
Hassan Alwael, King Abdulaziz University, Saudi Arabia

ST07 **Title:** Microwave heating technology applied to sea ice desalination methods
Wei Tang, Beijing Normal University, China

ST08 **Title: E-BABE-Preparation of monomers and polymers containing a hypolipidemic drug, Urazin Whit a urea pendant group**

Amir Joorbonian, Shahrood University of Technology, Iran

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PANEL DISCUSSION

Awards & Closing Ceremony

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