EuroSciCon

# Chemistry Education 2018

August 27-28

Zurich, Switzerland



# 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: **Fundamentals Of Chemistry Education** | Talks On: **Challenging Concepts In Chemistry Education** | Talks On: **Concept Of Chemical Reactions** |
| | Talks On: **Advanced Organic & Inorganic Chemistry** | Talks On: **Stereochemistry Of Organic Compounds** | Talks On: **Organometallic Chemistry** |
| | **SESSION DISCUSSION** | **SESSION DISCUSSION** | **SESSION DISCUSSION** |
| 02:00 PM | Panel Over: **Combinatorial Chemistry** | Panel Over: **Advancing Chemistry By Enhancing Learning In The Laboratory** | Panel Over: **Chemical Nomenclature** |
| | Workshop On: **Mastery learning and Formative Assessment** | Workshop On: **Research project, Research Findings and Results** | Workshop On: **Synthesis Reactions** |
| | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** |
| 04:00 PM | Talks On: **Molecular Rearrangements** | Talks On: **Advanced trends in Organic Chemistry** | Talks On: **Isomers, Stereoisomers and Enantiomers** |
| | Lectures on: **Utilization of Redox-Active Ligands** | Lectures on: **Organometallic Catalysis and Mechanism** | Lectures on: **Advancement of Combinatorial Chemistry** |
| 06:00 PM | Session On: **Dynamic Combinatorial Chemistry** | Session On: **Combinatorial Biosynthesis** | Session On: **Impact of Chemistry Education** |
| | **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: **Chemicals & Materials Science** | Talks On: **Environmental Chemistry** | Talks On: **Chemical Engineering** |
| | Talks On: **Natural Product Chemistry** | Talks On: **Nuclear Chemistry** | Talks On: **Pharma Chemistry** |
| | **SESSION DISCUSSION** | **SESSION DISCUSSION** | **SESSION DISCUSSION** |
| 02:00 PM | Panel Over: **Future Scope of Chemistry** | Panel Over: **Nanotechnology in Materials Science** | Panel Over: **Polymer Technology** |
| | Workshop On: **Osmosis, Adsorption and Characteristics of Adsorption** | Workshop On: **Tyndall effect, Brownian Movement** | Workshop On: **Unit Operations and Separation Processes** |
| | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** |
| 04:00 PM | Talks On: **Chemical Reaction Engineering** | Talks On: **Petroleum Refining and Petrochemicals** | Talks On: **Chemical Industry and Market Analysis** |
| | Lectures on: **Herb and Drug Interactions** | Lectures on: **Thermodynamics and Thermal Properties of Nuclear Fuels** | Lectures on: **Heterocyclic Chemistry** |
| 06:00 PM | Session On: **Drug Development** | Session On: **Green Chemistry** | Session On: **Chemical Engineering and Cosmetology** |
| | **NETWORKING** | **NETWORKING** | **NETWORKING** |

# ORGANIZING COMMITTEE MEMBERS



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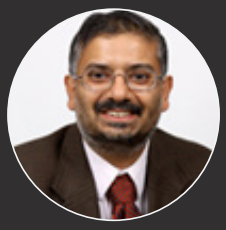
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**For detailed sessions, please visit:**
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# Renowned Speakers



**Mahesh Narayan**
The University of Texas at El Paso, USA



**M Jasim Uddin**
University of Texas Rio Grande Valley, USA



**Frédéric Dumur**
Aix-Marseille University, France



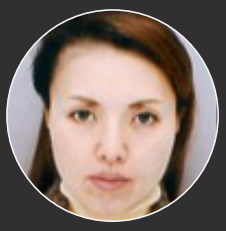
**Tadeusz Hryniewicz**
Koszalin University of Technology, Poland



**Linghai Xie**
Nanjing University of Posts & Telecommunications, China



**Kazue Tazaki**
Kahokugata Lake Institute, Japan



**Atsuko Fukuyama**
University of Fukui, Japan



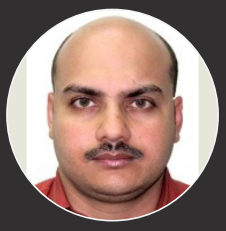
**Dharmendra Yadav**
Gachon University of Medicine and Science, Korea



**Mohd Zobir Hussein**
Institute of Advanced Technology, Malaysia



**V Jagannadham**
Osmania University, India



**Somdutta Singha**
Indian Institute of Technology, India



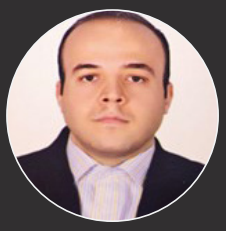
**Bhaskar Chakraborty**
Sikkim Government College, India



**Ronojoy Sen Gupta**
Genobiotek, India



**Marzieh Sohrabi**
Isfahan University of Technology



**Ehsan Sadeghi**
Shahid Beheshti University



**Ayodeji Omilani Nathaniel**
Federal College of Education, Nigeria



**Ojah Emmanuel Onah**
Universiy of Ibadan, Nigeria



**Yves S Kafuti**
University of Kinshasa, Congo

# Featured Speaker Presentations

**Peer-Led team learning and the living workbook**
**Mahesh Narayan,** The University of Texas at El Paso, USA
**Three dimensional solar cells**
**M Jasim Uddin,** University of Texas Rio Grande Valley, USA
**Visible light photoinitiators of polymerization: Towards high efficiency, low cost and nontoxic initiators**
**Frederic Dumur,** Aix-Marseille University, France
**Magnetoelectropolishing and high-voltage electropolishing of metals and alloys**
**Tadeusz Hryniewicz,** Koszalin University of Technology, Poland
**Organic nanosynthesis of macroscopic window grids at molecular scale**
**Linghai Xie,** Nanjing University of Posts & Telecommunications, China
**20 years after the Nakhodka oil spill accident in the sea of Japan**
**Kazue Tazaki,** Kahokugata Lake Institute, Japan
**Cadmium ions adsorption behavior onto shellfish fossil**
**Atsuko Fukuyama,** University of Fukui, Japan
**Molecular dynamics simulations of oxygen species in a native skin membrane of interest for plasma medicine**
**Dharmendra Yadav,** Gachon University of Medicine and Science, Korea
**Agronanochemical for ganoderma fungal disease management**
**Mohd Zobir Hussein,** Institute of Advanced Technology, Malaysia
**Demonstration of associative and non-associative behavior of some 5-membered heterocycles with two and one hetero atoms and their N-methylated derivatives with surface tension data: A physical-organic chemistry graduate class-room chemical education practice**
**V Jagannadham,** Osmania University, India
**Nonlinear Hammett equation applied to partition coefficients of benzoic acids**
**V Jagannadham,** Osmania University, India
**Purification of single wall carbon nanotube (SWNT) produced by arc-discharged method by simple air oxidation and acid reflux methods**
**Somdutta Singha,** Indian Institute of Technology, India
**Greener methodologies in the synthesis of new classes of isoxazolidine and isoxazoline derivatives via 1,3-dipolar cycloaddition reactions and their further applications**
**Bhaskar Chakraborty,** Sikkim Government College, India
**Investigation of the antibacterial activity of modified reduced graphene oxide (MRGO) nanosheets against S. aureus**
**Ronojoy Sen Gupta,** Genobiotek, India

# Featured Speaker Presentations

**A novel chemosensor acting as a fluorescent "Off-On" $Zn^{2+}$ sensor: Experimental, logic gate behavior and TD-DFT calculations**

**Marzieh Sohrabi,** Isfahan University of Technology, Iran

**Electromembrane extraction combined with capillary electrophoresis for the determination of metoclopramide and ondansetron in urine samples**

**Ehsan Sadeghi,** Shahid Beheshti University, Iran

**Assessment of chemistry teachers' stoichiometry pedagogical content knowledge and its implication chemistry students' achievement in stoichiometry**

**Ayodeji Omilani Nathaniel,** Federal College of Education, Nigeria

**Phytochemical and antioxidant assessments of three fractions from methanol extract of spathodea campanulata beauv. leaves**

**Ojah Emmanuel Onah,** Universiy of Ibadan, Nigeria

**Phytochemical studies and in vitroantioxidant, antiproliferative and antifungal activities of the stem bark of boswellia dalzielii hutch**

**Yves S Kafuti,** University of Kinshasa, Congo

# Past Affiliates

**Manuel Alvarez Cuenca**
Ryerson University, Canada

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Nicolaus Copernicus University Poland, Poland

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**Thomas J Sebo**
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**Razieh Sadraei**
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# PLAN A TRIP TO Zurich: DESTINATION OF Chemistry Education 2018

Zurich is the largest city in Switzerland and the capital of the canton of Zurich. It is located in north-central Switzerland at the northwestern tip of Lake Zurich. The municipality has approximately 400,028 inhabitants, the urban agglomeration 1.315 million and the Zurich metropolitan area 1.83 million. Zurich is a hub for railways, roads, and air traffic. Both Zurich Airport and railway station are the largest and busiest in the country.

Permanently settled for about 2000 years, Zurich was founded by the Romans, who, in 15 BC, called it Turicum. However, early settlements have been found dating back more than 6400 years ago. During the Middle Ages, Zurich gained the independent and privileged status of imperial immediacy and, in 1519, became a primary centre of the Protestant Reformation in Europe under the leadership of Huldrych Zwingli.

The official language of Zurich is German but the main spoken language is the local variant of the Alemannic Swiss German dialect. Many museums and art galleries can be found in the city, including the Swiss National Museum and the Kunsthaus Schauspielhaus Zurich is one of the most important theatres in the German-speaking world.

Most of Zurich's sites are located within the area on either side of the Limmat, between the Main railway station and Lake Zurich. The churches and houses of the old town are clustered here, as are the most expensive shops along the famous Bahnhofstrasse. The Lindenhofin the old town is the historical site of the Roman castle, and the later Carolingian Imperial Palace.

Zurich is a leading global city and among the world's largest financial centres despite having a relatively small population. The city is home to a large number of financial institutions and banking giants. Most of Switzerland's research and development centres are concentrated in Zurich and the low tax rates attract overseas companies to set up their headquarters there.

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# City Attractions












# City Attractions







