KEYNOTE SESSIONS

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Professor & Director, Massachusetts Institute of Technology, USA

Zabihollah Rezaee
Thompson-Hill Chair of Excellence, University of Memphis, USA

Shyam Sunder Tiwari
Managing Director of Sensors Technology Private Limited, India

8th International Conference on
ENVIRONMENTAL CHEMISTRY AND ENGINEERING

DATES: SEP 20-22, 2018
VENUE: BERLIN, GERMANY/GOLDEN TULIP BERLIN – HOTEL HAMBURG

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# 8th International Conference on Environmental Chemistry and Engineering

**September 20-22, 2018 | Berlin, Germany**

**Scientific Program**

**Day 1 September 20, 2018**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:30-09:30</td>
<td>Registrations</td>
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<tr>
<td>09:30-09:50</td>
<td>Opening Ceremony</td>
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<tr>
<td>09:50-10:00</td>
<td>Introduction</td>
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**Keynote Session**

1. **Keynote Speaker-1**
   - **Title:** Emerging Business Sustainability in Europe: Its Education, Practice and Research Implications
   - **Speaker:** Zabihollah Rezaee, University of Memphis, USA

2. **Keynote Speaker-2**
   - **Title:** The contributions and challenges of environmental chemistry for sustainable development
   - **Speaker:** Nicholas A. Ashford, Massachusetts Institute of Technology, USA

3. **Keynote Speaker-3**
   - **Title:** Ionizing radiation hazard in the environment: Environmental concerns from natural radioactivity, nuclear power, hospitals.
   - **Speaker:** Shyam Sunder Tiwari, STPL, India

**Scientific Sessions:** Environmental Chemistry and Engineering | Applications of Environmental Chemistry | Chemical and Polymer Engineering | Environmental science | Environmental Biotechnology and Molecular biology | Biogeochemical cycle and Hydrology | Environmental Health

| Talk -1 | Title: New opportunities in a personalized approach to the preleukemic phase of myelodysplastic syndrome and acute myelogenous leukemia
         | Speaker: Emmanuel C. Besa, Thomas Jefferson University, USA |
|---------|----------------------------------------------------------|
| Talk -2 | Title: An overview of the behavior of some polycyclic nitroaromatic hydrocarbons (npahs) upon irradiation in solution and when adsorbed on solid surfaces
         | Speaker: Ian S. Butler, McGill University, Canada          |
| Talk -3 | Title: Mediterranean small ponds: one of the most threatened ecosystems in the world.
         | Speaker: Raquel Jiménez-Melero, Universidad de Jaén, Spain |
| Talk -4 | Title: Activated carbons preparation from olive stones for bisphenol a and diuron adsorption
         | Speaker: Nadia El Ouahedy, University of Poitiers, France |

**Lunch @ Hotel Restaurants**

| Talk -5 | Title: Robust, high resolution affinity capture of environmental pollutants.
         | Speaker: Bo Mattiasson, Lund University, Sweden            |
| Talk -6 | Title: Influence of sonication on the catalytic activity of cuxco3-xo4 nanocatalysts for conversion of co into co2 efficiently |

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<thead>
<tr>
<th>Talk</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>-7</td>
<td>Survey on chemical use situation among household community products</td>
<td>Abd El-Aziz Ahmed Said, Assiut University, Egypt</td>
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<td></td>
<td>on Sarisak Soontornchai, Sukhothai Thammathirat Open University,Thailand</td>
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<td>-8</td>
<td>Electro-coagulation</td>
<td>flotation for the simultaneous removal of oil and grease, and heavy metals from artificial bilge water.</td>
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<td>-9</td>
<td>A green pvc dream is coming true in china: heterogeneous non-mercury catalysts and related process for acetylene hydrochlorination</td>
<td>Guohua Luo, Tsinghua University, China</td>
</tr>
<tr>
<td>-10</td>
<td>Green production of pvc from lab to industrialization: heterogeneous non-mercury catalysts for acetylene hydrochlorination</td>
<td>Hao Xu, Tsinghua University, China</td>
</tr>
<tr>
<td>-11</td>
<td>Competitive sorption of anionic dyes on cofe layered double hydroxide in single and binary solutions</td>
<td>İme Akanyeti, Cyprus International University, Turkey</td>
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<tr>
<td>-12</td>
<td>The effects of biodegradable coating on properties of printing paper</td>
<td>Rouzbeh Asadi Khansari, Pulp and paper industry, Iran</td>
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<tr>
<td>-13</td>
<td>Medical geology applications of an africa geochemical database</td>
<td>Theophilus Clavell Davies, University of Nigeria, Nigeria</td>
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**Panel Discussions**

**Keynote Speaker 4**  
Title: Sustainable production means rational entropy management  
J. Michael Köhler, Technical University of Ilmenau, Germany

**Keynote Speaker 5**  
Title: Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modeling, kinetics and recovery studies  
Ufuk Yildiz, Kocaeli University, Turkey

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<tr>
<th>Talk</th>
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<tr>
<td>-14</td>
<td>Selective catalytic reduction of nox by co under oxygen condition over cu:ce catalysts supported by carbon nanotubes</td>
<td>Zahra Gholami, Tsinghua University, China</td>
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**Scientific Sessions:**  
Environmental Biotechnology and Molecular biology | Human population growth and Environment | Renewable Energy Sources and Storages | Environmental Climatic factors | Environmental Geology | Environmental science

**Chair**  
Will be updated Soon

**Chair**  
Will be updated Soon

Day 02 September 21, 2018
| Talk 15 | Title: Assessment of Polynuclear Aromatic Hydrocarbons (PAHs) in local steak (suya) samples in Makurdi town, Benue State-Nigeria  
Ubwa S T, Benue State University, Nigeria |
|---|---|

| 5 Keynote Slots | 10 Speaker Slots are Available  
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|---|---|
| Talk 16 | Title: Carbon-enhanced manufacturing and digitalization supporting cycle economy  
Dominik Rohrmus, Siemens AG, Germany |
| Talk 17 | Title: Readily available homogeneous and heterogeneous catalysts for the cycloaddition of CO2 to epoxides: A low carbon-footprint perspective  
Valerio D’ Elia, Vidyasirimedhi Institute of Science and Technology, Thailand |
| Talk 18 | Title: Lipase-metal integrated catalysis for quantitative conversion of racemic alcohols into optically pure compounds  
Shuji Akai, Osaka University, Japan |

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<th>Poster Presentations</th>
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| PC-01 | Title: Intensification of mass transfer process using deep eutectic solvents and  
Anamarija Mitar, University of Zagreb, Croatia |
| PC-02 | Title: Green synthesis of new chiral halogenated imines derived from Benzo[b]thiophene-2-carboxaldehyde  
Andrea Moreno-Ceballos, Universidad Autónoma de Puebla, Mexico |
| PC-03 | Title: Solvent-free procedure for the synthesis of tetrahydrofuran-2(3H)-one ligands by a  
Jaime Ríos-Motta, Universidad Nacional de Colombia, Colombia |
| PC-04 | Title: Prediction of cellulose dissolution in ionic liquids using molecular descriptors  
Chan Kyung Kim, Inha University, Korea |
| PC-05 | Title: Two-dimensional inorganic electride promoted electron transfer efficiency in transfer  
Ye Ji Kim, Sungkyunkwan University, Republic of Korea |
| PC-06 | Title: Enhanced GABA production via protein complex of Pyrococcus horikoshii glutamate decarboxylase and Escherichia coli GABA transporter  
Soon Ho Hong, University of Ulsan, Korea |
| PC-07 | Title: Investigation of impact in biocomposites for application in solar vehicles  
Felipe Vannucci de Camargo, University of Bologna, Italy |
| PC-08 | Title: Characteristics of bio-oil produced by the Pyrolysis of mixed waste tire and  
Ozlem Onay, Anadolu University, Turkey |
| PC-09 | Title: Determination of residues levels of seven pesticides in tomatoes samples taken from three markets in Khartoum state  
Ahmed Hammad, University of Khartoum, Sudan |
| PC-10 | Title: Dehydration of sugars from grape juice waste by Microwave Radiation  
Almudena Lorente, University of Castilla La Mancha (UCLM), Spain |
| PC-11 | Title: Structure and Electrochemical properties of recycled active electrodes from spent  
Simona Rada, Technical University of Cluj-Napoca, Romania |
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<tr>
<th>Talk</th>
<th>Title</th>
<th>Speaker and Institution</th>
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<td>Comparison of net GHG emissions between separated system and crop-swine integrated system in the North China Plain</td>
<td>Zhejin Li, China Agricultural University, China</td>
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<td>19</td>
<td>An Advanced Oxidation Process Based On Fenton Reactions for Reduction of Environmental Impact of Leather Tanning Effluents</td>
<td>EL-Shahat H. A. Nashy, National Research Centre, Dokki, Cairo, Egypt</td>
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<tr>
<td>20</td>
<td>Antifungal drug discovery from medicinal plants: Matricaria chamomilla as potent inhibitor of Aspergillus fumigatus growth and ergosterol biosynthesis</td>
<td>Mehdi Razzaghi-Abyaneh, Pasteur Institute of Iran, Iran</td>
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Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change.

**Keynote Session | Speaker Sessions | Poster Presentation | Exhibitions | Panel Discussion**
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