



2nd International Conference on
Green & Sustainable Chemistry
&
International Conference on
Photonics & Optoelectronics

July 15-16, 2019 | Zurich, Switzerland



July 15, 2019

Conference Agenda

Day 1

Conference Hall: Paris

09:15-09:45

Registrations

09:45-10:00

Introduction by Moderator

10:00-10:30

Keynote Forum

Title: DOZN™ - A quantitative green chemistry evaluator

Ettigounder Ponnusamy, MilliporeSigma, USA

10:30-11:00

Title: Love or hate water?

L Q Rick Wang, University of Hong Kong, Hong Kong

Networking & Refreshment Break 11:00-11:15 @ Banquet Foyer

11:15-11:45

Keynote Forum

Title: Greener synthesis of biological and pharmaceutical compounds

Ahindra Nag, Indian Institute of Technology Kharagpur, India

11:45-12:15

Title: Hydrogenation complementing the generation of H₂: On the way to green chemistry

Albert Poater, University of Girona, Spain

12:15-12:45

Title: The emergence of intelligent positioning in high-throughput photonics manufacturing automation

Scott Jordan, Physik Instrumente, USA

Oral Session I:

Innovations in Green and Sustainable Chemistry | Green Chemistry: Challenges and Opportunity | Green Chemistry for Nanoparticle Synthesis | Green Chemistry in Pharmaceutical Industries | Green Analytical Chemistry and Environmental Chemistry Education | Optoelectronics

Session Chair: **Ettigounder Ponnusamy**, MilliporeSigma, USA

Session Chair: **Utpal Gangopadhyay**, Meghnad Saha Institute of Technology Kolkata, India

Group Photo 12:45-13:00

Lunch Break 13:00-14:00 @ Banquet Foyer

14:00-14:25

Title: Van der waals epitaxy of nitrides material and deep-UV light-emitting diodes

Zhiqiang liu, Chinese Academy of Sciences, China

14:25-14:50

Title: The impact of morus alba leaves extract on diabetes induced complications in rats

Hanan abdel hameid abdel hafez, Beni seuf University, Egypt

14:50-15:15

Title: Energy harvesting from micro scale cavitating flows

Morteza Ghorbani, Sabanci University, Turkey

15:15-15:40

Title: Multifunctional solar systems for cooling, heating and power generation

Roonak Daghigh, University of Kurdistan, Iran

15:40-16:05

Title : Parametric analysis of wind funnel concentrator

Salih Akour, The University of Jordan, Jordan

Networking & Refreshment Break 16:05-16:20 @ Banquet Foyer

16:20-16:45

Title: Techno-environmental feasibility analysis of CO₂ capture and reutilization from alcoholic fermentation processes: The CO₂-AFP Strategy

Abdessamad Gueddari, UCLM, Spain

16:45-17:10

Title: A plant protein-based nanoemulsion system for personal care products

Jeong Kee Kim, Kyung Hee University, South Korea

Poster Presentations

17:10-17:35

Title: Adaptive effect evaluation during the Mellet-Boinot process of second generation bioethanol production by Spalthaspora Passadarum NRRL Y-27907

Thiago Neitzel, University of Campinas, Brazil

17:35-18:00

Title: Fused deposition modelling - 3D printing as an efficient alternative to fabricate Lithium-Ion batteries

Jose Fernando Valera-Jimenez, UCLM, Spain

Session Adjournment

July 16, 2019

Conference Agenda

Day 2

10:00-10:15

Introduction by Moderator

10:15-10:45

Keynote Forum

Title: Distributions of nicotine and cotinine in rat plasma, tooth, alveolar bone and brain from long-term passive smoking rats and their impacts on dental health

Yong-Xi Li, Medpace Bioanalytical Laboratories, USA

10:45-11:15

Title: Rogue waves in optics: Facts and fictions

Milivoj R Belic, Texas A&M University, Qatar

Networking & Refreshment Break 11:15-11:30 @ Banquet Foyer

11:30-12:00

Keynote Forum

Title: Bifacial solar PV technology initiate a new pathway to future PV

Utpal Gangopadhyay, Meghnad Saha Institute of Technology Kolkata, India

12:00-13:00

Work Shop

Title: Petroleum industry cellulose biomasses polymers fabricating and fabricating unit design

Ahmed Abdelaziz Ibrahim Elyayah, Wafaa Mustafa Osman Mohammed & Amel Abdelatti Ahmed, NimirSudan University of Science and Technology, Sudan

Group Photo 13:00-13:10

Lunch Break 13:10-14:10 @ Banquet Foyer

Oral Session II:

Green Polymer and Plastic Chemistry | Biofuels and Alternative Energy | Bio-Separations: Recent Advances | Green Technologies in Food Production & Food Processing | Organic photonics | Advancements in Photonics | Applications and Trends in Photonics

Session Chair: **Ahindra Nag**, Indian Institute of Technology Kharagpur, India

Session Chair: **Yong-Xi Li**, Medpace Bioanalytical Laboratories, USA

14:10-14:35

Title: Conversion of waste coal fly ash into valuable catalysts and their applications for bio-energy production

Kalpna Maheria, S. V. National Institute of Technology, India

14:35-15:00

Title: Mechanistic investigation inspired green synthesis strategies: From theory to experiments

Jingping Zhang, Northeast Normal University, China

15:00-15:25

Title: Eye and melatonin friendly candlelight OLED

Jwo-Huei Jou, National Tsing Hua University, Taiwan

15:25-15:50

Title: On the parametric version of black body

Vladimir Arabadzhi, Institute of Applied Physics, Russia

Networking & Refreshment Break 15:50-16:00 @ Banquet Foyer

16:00-16:25

Title: A nano hydrophobic task-specific room temperature ionic liquid as an adsorbent for discriminating of Cr (III) and Cr (VI)"

Ghazale Daneshvar Tarigh, University of Tehran, Iran

16:25-16:50

Title: Synthesis and characterization of carboxymethyl cellulose (CMC) from palm frond

Ahmed Abdelaziz Ibrahim Elyayah & Khadija Hassan Ahmed Albasheer, Sudan University of Science and Technology, Sudan

16:50-17:05

Video Presentations

Title: Metal nanoparticle embedded and rare-earth doped novel glasses for photonic application

Hamid-Reza Bahari, Sharif University of Technology, UK

17:05-17:20

Title: Quantum deep neural networks: A survey

Amita Kapoor, University of Delhi, India

17:20-17:35

Title: Generalized mean gratings

Shaohua Tao, Central South University, China

17:35-18:50

Title: Effects of salinity and temperature on the rate of biodegradation of domestic waste released into the marine waters around Mumbai city, India

D V Prabhu, University of Mumbai, India

Conference Adjournment

