

7th World Congress on

Chemistry

November 13- 15, 2017 Athens, Greece

Allied Academies - UK

85 Great Portland St, Marylebone, London W1W 7LT, United Kingdom



Conference Day 1 | November 13, 2017

Hera 2

08:00-09:00

Registration Desk Opens

09:00-09:15

Opening Ceremony

KEYNOTE FORUM

Introduction

9:15-9:45

Title : Sulfur-Rich Polyaromatic Architectures: Asterisks, Dendrimers, Polymers, and Their Metal Interactions
Marc GINGRAS, Aix-Marseille Universite - CNRS, Interdisciplinary Center on Nanoscience of Marseille (CINAM), France

9:45-10:15

Title : Nanoengineering of inorganic and carbon materials
Gerard Tobias, Insitut de Ciencia de Materials de Barcelona (ICMAB-CSIC), Spain

Networking & Refreshments 10:15- 10: 35 @ Foyer

10 :35-11:05

Title: Electron/Hole Transformation between Two Atomic Layers
Junrong Zheng, Peking University, China

11:05 - 11: 35

Bimetallic reagents for synthesis of functional heterocyclic compounds
Philippe C. Gros, University of Lorraine, CNRS, Nancy, France

Plenary Presentations

11 : 35- 11: 55

Title : Bifunctional Iron Catalysts: Synthesis and Applications
Jean-Luc RENAUD, University of Caen Normandy, France

11: 55- 12: 15

Title:Inorganic nanoparticles as enzyme mimics
Wolfgang Tremel, Johannes Gutenberg University Mainz, Germany

Sessions: Nano chemistry | Medicinal Chemistry | Organic Chemistry | Industrial chemistry | Pharmaceutical chemistry | Atmospheric chemistry | Physical Chemistry | Polymer Chemistry

Session Chair: Jean-Luc RENAUD, University of Caen Normandy, France

Session Introduction

12:15 - 12: 35

Title: Synthesis of Novel Types of Nucleosides and Nucleotide Mimetics as Potential Anticancer Agents
Nuno Manuel Xavier, Universidade de Lisboa, Portugal

12:35 - 12:55

Title : Recent Experimental and Theoretical Developments of Ion Specific "Hofmeister" Phenomena
Andrea Salis, University of Cagliari, Italy

GROUP PHOTO

Lunch Break 13:00-14:00 @ Restaurant Fros

14:00-14:20

Title : Light, a powerful tool for the synthesis of metal nanoparticles and nanocomposites
Lavinia BALAN, CNRS Institute of Materials Science of Mulhouse, France

14:20-14:40

Title: Micro And Nano Molecularly Imprinted Polymers (Mips) For Analytical, Environmental And Forensic Applications
Eduardo Pereira, University of Concepción, Chile

14:40-15:00

Title: Transition Metal Vinylidene Mediated Catalysis for Use in Organic Synthesis
Chulbom Lee, Seoul National University, South Korea

15:00-15:20

Title: A small molecule inhibitor of HSP70 has cytotoxicity against various cancers
Injae Shin, Yonsei University, Korea

Networking & Refreshments 15:20- 15:40 @ Foyer

15:40-16:00

Title: Porous support for phase change materials with integrated enhancement of thermal Conductivity and capacity
Ge Wang, University of Science and Technology Beijing, China

16:00-16:20

Title: Comparison of Different Sample Preparation Techniques for the Analysis of Small Molecules in Biological Fluids
Sena Caglar Andac, Istanbul University, Turkey

16:20-16:40

Title: Synthesis of heteroatomic thiazole-based copolymers for organic semiconductors
Byanne Malluhi, Texas A&M University, Qatar

PANEL DISCUSSION

Conference Day 2 | November 14, 2017

Hera 2

KEYNOTE FORUM

9:30-10:00

Title: Quality Control And Regulatory Issues Of Phytochemicals For Global Health Care
Bilge SENER, Gazi University, Turkey

10:00 - 10:30

Title : Investigating Neurodegenerative Diseases by Computational Biophysical Chemistry
Yifat Miller, Ben-Gurion University (BGU) of the Negev, Israel

Networking & Refreshments 10:30-10:50 @ Foyer

10:50-11:20

Title: Substrate effects on silicene and how to exploit them Udo Schwingenschlogl, King Abdullah University of Science and Technology (KAUST), Saudi Arabia

Plenary Presentations

11:20-11:40

Title: Elastic shape memory polymeric materials and their potential applications in comfort fitting for flexible wearable items
Wei Min Huang, Nanyang Technological University, Singapore

Sessions: Food Chemistry | Analytical Chemistry | Materials Chemistry | Sustainable Chemistry and Chemical engineering | Electro chemistry | Applied Chemistry | Chemical Science

Session Chair: Wolfgang Tremel

Session Co-chair: Ge Wang

Session Introduction

11:40-12:00

Title: Lanthanide complexes - synthesis, characterization and biological evaluation
Irena Kostova, Medical University, Sofia, Bulgaria

12:00-12:20

Title: Photocyclization of organic compounds as a universal method of creating recording systems for optical memory devices
M.M. Krayushkin, Russian Academy of Sciences, Moscow

12:20-12:40

Title: N-acetyl serotonin protects neuronal cell death induced by oxidative stress via elevation of TrkB/CREB/BDNF and Akt/Nrf2 pathways
MEE REE KIM, Chungnam National University, South Korea

12:40-13:00

Title: Visible Light-Mediated Synthesis of Organophosphorus Compounds: Synthetic and Mechanistic Investigations
Sami Lakhdar, Université de Caen Basse-Normandie, CNRS, France

Lunch Break 13:00-14:00 @ Restaurant Fros

14:00-14:20

Facile Synthesis, Fluorescence and Functional Properties of π -Expanded Fluorenes
Jagarapu Ramakrishna, Indian Institute of Technology Madras, India

14:20-14:40

Title: Synthesis and Properties of Two Classes of Thiazole-Based Organoboron Fluorophores Possessing the AIEE/AIE Effect
Belskaya Nataliya, Ural Federal University, Russia

14:40-15:00

Mechanism of low-temperature ignition of acetaldehyde-oxygen gas mixtures, initiated by peroxy radicals
Irma Vardanyan, National Academy of Sciences, Armenia

15:00-15:20

Hydroxy Apatite Composite Coatings on Mg alloy for Medical Applications
Mohren Saremi, University of Tehran, Iran.

15:20-15:40

Application of the ALA-SCAN method in drug discovery and pharmacodynamics
Cenk A. ANDAC, Istinye University-Istanbul, Turkey

Video Presentations

15:40- 16:00 **A Study Of Fluorine Substitution On Solution Processable Benzo[1,2,5] Thiadiazole Based Copolymers For Optoelectronic Applications**
AMIRA ABOUHADID, Texas A&M University at Qatar

16:00-16:20 **Relativistic origin of classical thermodynamics as an alternative to the concept of probability**
A. Yu. Zakharov, Yaroslav-the-Wise Novgorod State University, Russia

Networking & Refreshments 16:20-16:40 @ Foyer

Poster Presentations 16:40 - 17:30 @ Foyer

CW001 **Comparative evaluation of chemical mass balance and multivariate receptormodels using synthetic data**
G. Argyropoulos, Aristotle University ofThessaloniki, Greece

CW002 **Development of nature-inspired conjugated materials for Plastic electronics**
Mirna Maklad, Texas A&M University ,Qatar

CW003 **Copper-Guanidine Catalysed Asymmetric Allylic Alkynylation Under Phase Transfer Conditions**
Xi-Yang Cui, Nanyang Technological University, Singapore

CW004 **Determination of Some Antidiabetics by High Performance Liquid Chromatography**
Sena Caglar Andac, Istanbul University, Turkey

CW005 **Catalytic hydrogenation of biomass derived levulinic acid using zero valent non-precious metal Fe catalysts based on N-triphos ligand**
Uwaila Omoruyi, Imperial College London, United kingdom

PANEL DISCUSSION

Awards & Closing Ceremony

Conference Day 3 Networking November 15, 2017