

21st International Conference on

Past and Present Research Systems on Green Chemistry

August 27-28, 2018 | Boston, USA



Conference Hall: University Room B

08:30-09:15 Registrations

09:15-09:30 Opening Ceremony

Keynote Forum

09:30-10:00 Introduction

10:00-10:40 Title: Sustainable routes to highly flame retardant polyurethanes

Ram K Gupta, Pittsburg State University, USA

10:40-10:45 Questionnaires

Networking & Refreshment Break 10:45-11:00 @ Foyer

11:00-11:40 Title: Development of high performance supercapacitors based on hybrid nanocomposite materials: A green approach for energy storage

Ashwini K Srivastava, University of Mumbai, India

11:40-11:45 Questionnaires

11:45-12:30 Title: The contributions of green chemistry and engineering to sustainable development

Nicholas A Ashford, Massachusetts Institute of Technology, USA

12:30-12:35 Questionnaires

Group Photo 12:35-12:45

Lunch Break 12:45-14:00 @ Foyer

Symposium

14:00-14:50 Title: Improving dispersive property, biocompatibility and targeting gene transfection of graphene oxide by covalent attachment of polyamidoamine dendrimer and glycyrrhetic acid

Wendy Carrol, Fiber & Biopolymer Research Institute, USA

14:50-15:00 Questionnaires

Sessions:

Trends in Green Chemistry | Green Chemistry & Engineering Metrics | Green Nanotechnology | Water Remediation & Resource Management | Sustainability and Environmental Safety | Green Catalysis | Synthetic Techniques of Green Chemistry

Session Chair: Thomas J Webster, Northeastern University, USA

Session Co-chair: Ram K Gupta, Pittsburg State University, USA

Session Introduction

15:00-15:30 Title: Introduction to microwave assisted pyrolysis and its application in agricultural residue gasification

Charlie Zhang, SINOPEC, China

15:30-15:35 Questionnaires

Networking & Refreshment Break 15:35-15:50

15:50-16:20 Title: Elucidation of softening mechanism in rince-cycle fabric softeners. Uneven adsorption – The key phenomenon to the effect of fabric softeners

Takako Igarashi, Kao Corporation, Japan

16:20-16:25 Questionnaires

16:25-16:55 Title: Novel electrochemical devices and strategies for practicing green analytical chemistry

Ashwini K Srivastava, University of Mumbai, India

16:55-17:00 Questionnaires

Panel Discussion

Networking & Business to Business Meeting 17:00-17.30

Day 2 August 28, 2018
Conference Hall: University Room B

Keynote Forum

10:00-10:40 Title: Was price charges right ? Nanotechnology will create a grey goo surrounding the earth ?
 Thomas J Webster, Northeastern University, USA

10:40-10:45 Questionnaires

Networking & Refreshment Break 10:45-11:00

11:00-11:40 Title: Design, synthesis and bioactivity evaluation of multi-targeted
 Tetrahydroprotoberberine derivatives (THPBs)
 Hong Liu, Shanghai Institute of Materia Medica, China

11:40-11:45 Questionnaires

Sessions: Climate Change | Green Synthesis | Waste Monitoring & Management | Green House | Organic Synthesis | Green Energy & Its Impact On Environment | Green Engineering | Circular economy and Sustainable chemistry | Green Computing

Session Chair: Thomas J Webster, Northeastern University , USA

Session Co-chair: Ram K Gupta, Pittsburg State University, USA

Session Introduction

11:45-12:15 Hazardous waste site remediation of heavy hydrocarbons using biopolymer and polystyrene foam beads

Albert Robbat, Jr., Tufts University, USA

12:15-12:20 Questionnaires

12:20-12:50 Title: The decline of scale-forming ions in seawater using pure and modified kaolinite
 Moshira Salem, Egyptian Petroleum Research Institute, Egypt

12:50-12:55 Questionnaires

Lunch Break 12:55-14:00 @ Foyer

14:00-14:30 Title: Electrochemical approach to phosphorylation of aromatic compounds
 Sofia Strelakova, FRC Kazan Scientific Center of RAS, Russia

14:30-14:35 Questionnaires

Video Presentations

14:35-14:55 Title: Early industrial precursors of green chemistry, and the BHC ibuprofen process invention and its inspirations

Mark A Murphy, UVLAW Patents LLC, USA

14:55-15:15 Title: THE proton preparation ukrain (NSC 631570): The selective and immunomodulating effect of the ANTI-CANCER preparation on basis of greater celandine alkaloids NSC 631570

Wassil Nowicky, Ukrainian Anti-Cancer Institute, Austria

Poster Presentations 15:15-16:00

Poster Judges: Hong Liu, Shanghai Institute of Materia Medica, China

P-1 Title: Phytochemical screening of leaves and roots of Stylochiton Borumensis: A medicinal plant

Hatim Mohammed Yousif Hamadnalla, University of Bahri, Sudan

P-2 Title: A sustainable catalyst for Dicarbofunctionalization of unactivated Olefins and its application to the synthesis of Lignan natural products

Sekhar KC, University of New Mexico , USA

P-3 Title: A green chemistry approach for the stepwise synthesis of Mono-Disperse PEGs
 Shiyue Fang, Michigan Technological University, USA

e-Posters

EP 01 Title: Global carbon cycle and petroleum genesis
 Alexander Ivlev, Russian State Agrarian University of K.A. Timiryazev , Russia

EP 02 Title: Greenhouse effect: Greenhouse gases and their impact on global warming
 Ewurabena Asante Oti-Mensah , Hohai University, China

Panel Discussion

Networking & Refreshment Break 16:00-16:20 @ Foyer

Award & Closing Ceremony

