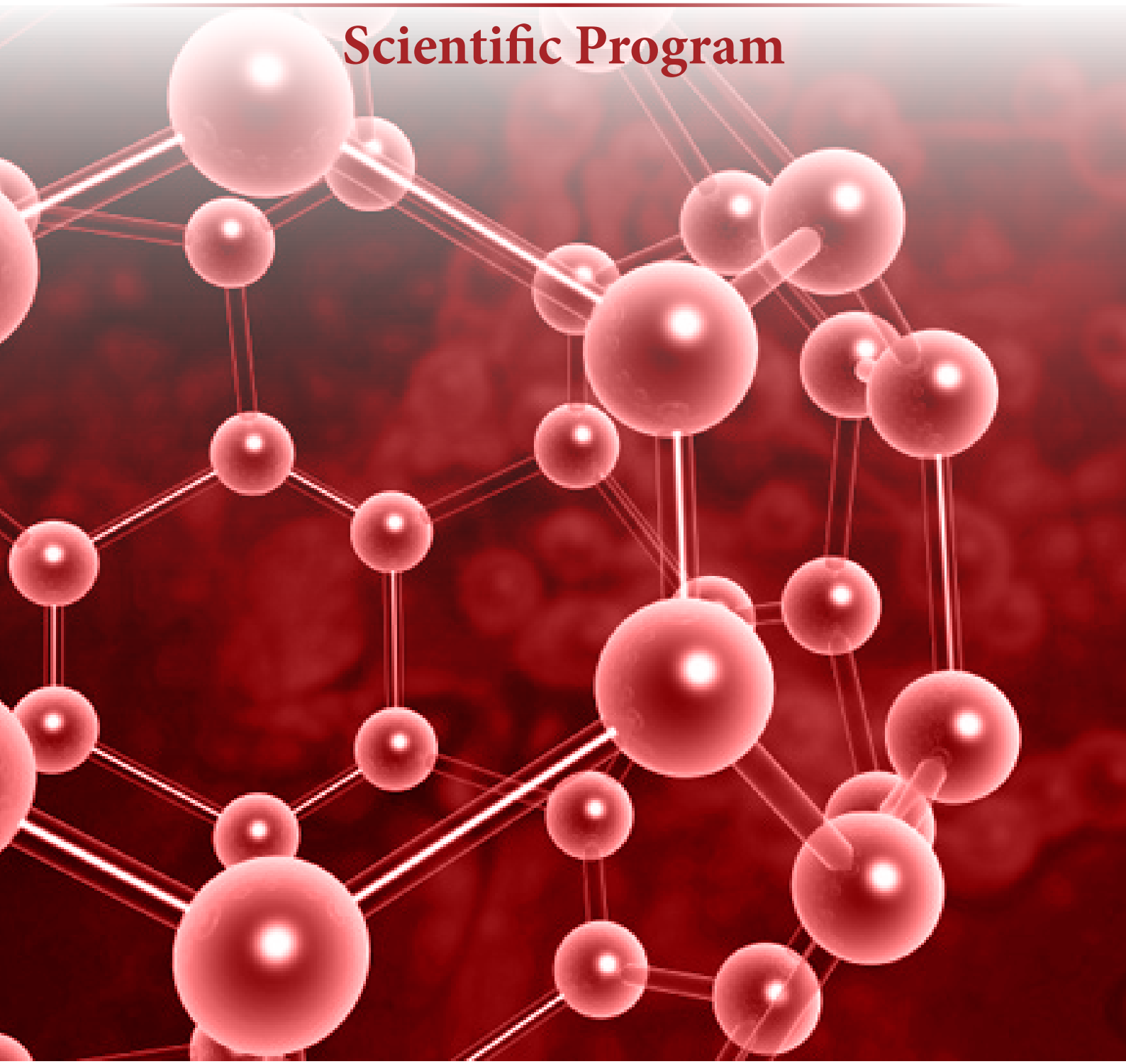
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International Conference and Exhibition on

Polymer Chemistry

November 14-16, 2016 Atlanta, USA

Scientific Program



Hosting Organization: Conference Series LLC

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Email: polymerchemistry@conferenceseries.net; polymerchemistry@chemistryconference.org

Day 1 November 14, 2016

08:30-09:30 Registrations

Chittahoochee

conferenceseries.com 09:30-09:50 **Opening Ceremony**

Keynote Forum

09:50-10:00 **Introduction**

10:00-10:40 **Title: Polymers for energy generation: Molecular structures and applications**
Jorge Morgado, University of Lisbon and Instituto de Telecomunicações, Portugal

10:40-11:20 **Title: Squarato-bridged metal(II) coordination polymers derived from polydentate-N-donors amine derivatives**
Salah S Massoud, University of Louisiana at Lafayette, USA

Group Photo

Networking and Refreshment Break 11:20-11:35 @ Chittahoochee prom

Sessions: Polymer Synthesis and Polymerization | Recent Advances in Polymer Chemistry | Characterization of Polymers | Synthetic Polymers | Macromolecular Polymeric Structure | Polymer Technology | Polymer Nanotechnology

Session Chair: Fengyu Li, Chinese Academy of Sciences, China
Session Co-Chair: Suresh S Shendage, KET'S Vinayak Ganesh Vaze College of Arts, India

Session Introduction

11:35-12:05 **Title: Bis(terpyridine)metal complex oligomer wires on electrodes: Constructions and their electron transport phenomena**
Hiroaki Maeda, The University of Tokyo, Japan

12:05:12:35 **Title: Polymers and topographies to investigate neural stem cell culture and differentiation under electric fields**
Jorge Morgado, University of Lisbon and Instituto de Telecomunicações, Portugal

12:35-13:05 **Title: Investigation of cure kinetics in a system with reactant evaporation using the combination of DSC and TGA method**
Aleš Ručigaj, University of Ljubljana, Slovenia

Lunch Break 13:05-14:05 @ Chittahoochee prom

14:05-14:35 **Title: Advances in polymer supported catalyst**
Suresh S Shendage, KET'S Vinayak Ganesh Vaze College of Arts, India

14:35-15:05 **Title: Ionic polymerization using flow microreactor systems and its applications to syntheses of structurally well-defined Polymers**
Aiichiro Nagaki, Kyoto University, Japan

15:05-15:35 **Title: Optimization of optical properties of polypropylene by studying the impact of catalyst activity on polymerization process**
Shahriar Arjmand, Islamic Azad University, Iran

15:35-16:05 **Title: New photovoltaic polymers for efficient organic solar cells**
Jianhui Hou, Institute of Chemistry-CAS, China

16:05-16:35 **Title: Printed manufacture ultra-integrated multi-analysis devices**
Fengyu Li, Chinese Academy of Sciences, China

Networking and Refreshment Break 16:35-17:00 @ Chittahoochee prom

17:00-17:30 **Title: Green printing nano-technology for manufacturing photonic and electronic devices**
Yanlin Song, Institute of Chemistry-CAS, China

17:30-18:00 **Title: Polymer electrolytes for lithium oxygen and lithium-ion oxygen cell**
Giuseppe Antonio Elia, Technische Universität Berlin, Germany

18:00-18:30	**Title: Anionic solution copolymerization of α-Methylstyrene with conjugated dienes above the ceiling temperature of α-Methylstyrene** **Adel F. Halasa,** Ohio University, USA

Panel Discussion

Day 2 November 15, 2016

Chittahoochee

Sessions: Functional Polymers | Polymers for Catalysis | Bio catalysis in Polymer Chemistry | Bio-related Medical Polymers | Polymers in Biochemistry

Session Chair: Jin Ho Lee, Hannam University, South Korea

Session Co-Chair: Kushal Sen, Indian Institute of Technology, India

Session Introduction

10:00-10:30	**Title: Hydroxypropyl cellulose based gel polymer electrolyte systems for dye-sensitized solar cell application** **Mohammad Hassan Khanmirzaei,** University of Malaya, Malaysia
10:30-11:00	**Title: Enhanced thermal stability of organic photovoltaics via incorporating triphenylamine derivatives as additives** **Ying-Chieh Chao,** National Taiwan University, Taiwan
11:00-11:30	**Title: Non-metallic electrically conducting textiles: The potential** **Kushal Sen,** Indian Institute of Technology, India

Networking and Refreshment Break 11:30-11:45@ Chittahoochee prom

11:45-12:15	**Title: Polymer matrices with functional gradients in tissue engineering** **Jin Ho Lee,** Hannam University, South Korea
12:15-12:45	**Title: A Novel synthetic approach in the preparation of maleimide containing benzoxazine resins** **Žiga Štirn,** University of Ljubljana, Slovenia
12:45-13:15	**Title: Novel polymer materials using sub and supercritical gases** **Željko Knez,** University of Maribor, Slovenia

Lunch Break 13:15-14:15 @ Chittahoochee prom

Poster Presentations 14:15-15:15

APC001	**Title: Chemical characterization of fructo-oligosaccharides from Stevia rebaudiana (Bertoni) roots** **Regina Aparecida Correia Gonçalves,** State University of Maringá, Brazil
APC002	**Title: Degree of polymerization of inulin molecules during the plant development by GC/MS analysis** **José Eduardo Gonçalves,** State University of Maringá, Brazil
APC003	**Title: Functionalisation of oligomeric ethylene glycol through traceless Wittig Olefination** **Xu Jin,** Agency for Science, Technology and Research (A*STAR), Singapore
APC004	**Title: Solvent spinning of bacterial polyester** **Bhavya Singhi,** North Carolina State University, USA
APC005	**Title: Preparation and characterization of hydrogels using biopolymers** **Jongshin Park,** Seoul National University, Korea

Networking and Refreshment Break 15:15-15:30 @ Chittahoochee prom

15:30-16:00	**Title: Determination of the degree of polymerization of inulin using different analytical methodologies** **Arildo José Braz de Oliveira,** Universidade Estadual de Maringá, Brazil
16:00-16:30	**Title: Polymer membranes decorated with biomolecules: Novel systems with medical potential** **Cornelia G Palivan,** University of Basel, Switzerland
16:30-17:00	**Title: Controlled micelle formation and sol-gel transition in the mixed aqueous solutions of enantiomeric block copolymers of polylactide and poly(ethylene glycol)** **Yoshiharu Kimura,** Kyoto Institute of Technology, Japan

Day 3 November 16, 2016

Networking Session starts @10:00 AM

Refreshment Break 11:00-11:20 @ Chittahoochee prom

Networking Session Continues

Lunch Break 13:15-14:00 @ Chittahoochee prom

Award & Closing Ceremony