

conferenceseries LLC Ltd

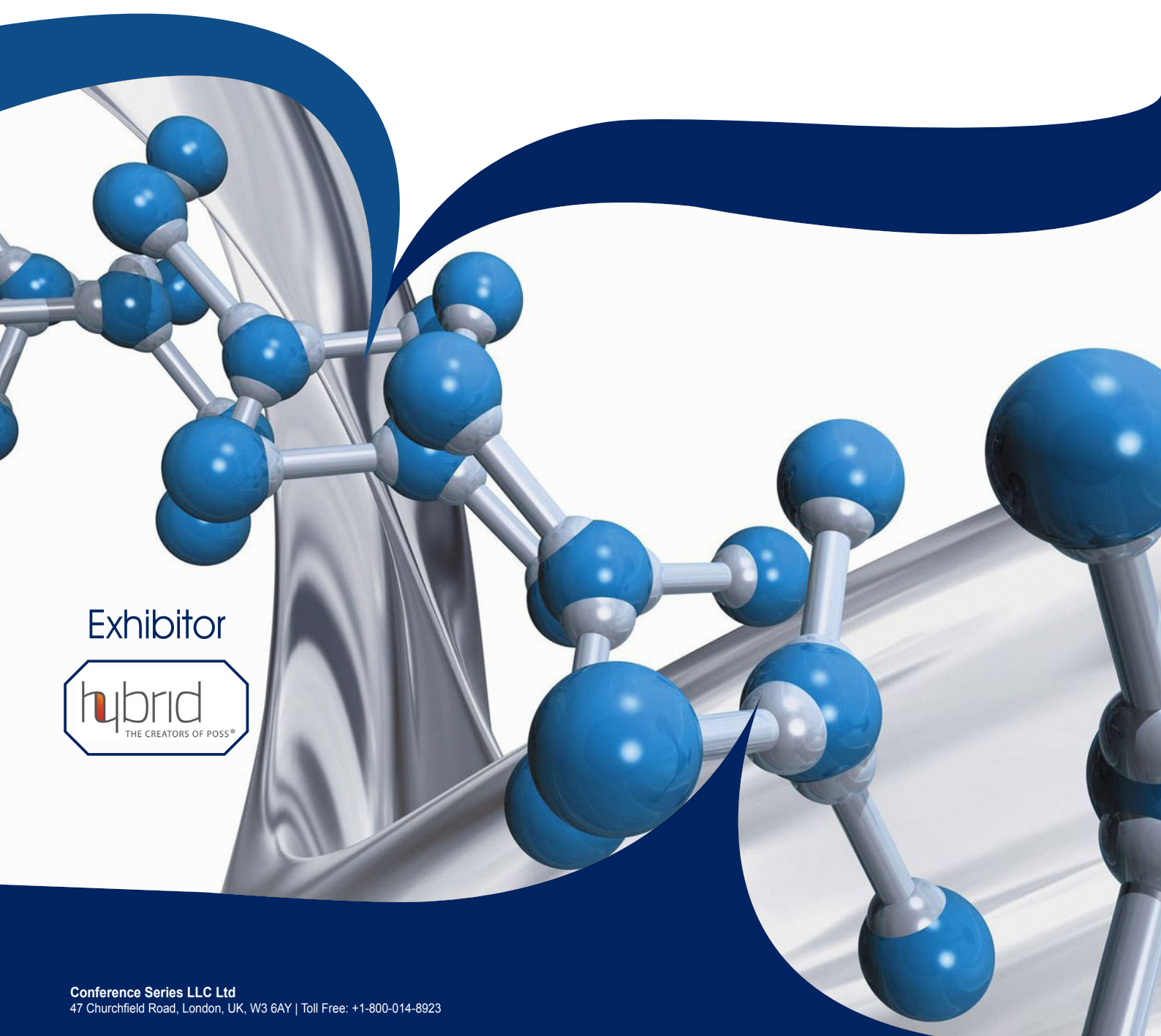
1503<sup>rd</sup> Conference

*Scientific Program*

2<sup>nd</sup> International Conference and Exhibition on

# POLYMER CHEMISTRY

November 15-17 , 2017 | San Antonio, USA



Exhibitor



Conference Series LLC Ltd

47 Churchfield Road, London, UK, W3 6AY | Toll Free: +1-800-014-8923

08:30-10:00 Registrations

Conference Hall: Texas D

conferenceseries LLC Ltd 10:00-10:20

## Opening Ceremony

### Keynote Forum

10:20-10:30 Introduction

10:30-11:10 Title: Multifunctional polymeric materials for dental restorations

Diane R Bienek, ADA Foundation, USA

11:10-11:50 Title: POSS® epoxy and acrylic additives for optical coatings

Joseph D Lichtenhan, Hybrid Plastics Inc., USA

### Panel Discussion

Networking & Refreshment Break 11:50-12:10 @ Foyer

12:10-12:50 Title: Helical structures and chiroptical properties of multifunctional conjugated polymers

Kazuo Akagi, Ritsumeikan University, Japan

### Sessions:

Polymer Synthesis and Polymerization | Functional Polymers | Bio-related Medical Polymers | Polymer Nanotechnology | Biochemical Degradation of Polymers

Session Chair: Diane R Bienek, ADA Foundation, USA

Session Co-chair: Ming-Qiang Zhu, Huazhong, University of Science and Technology, China

### Session Introduction

12:50-13:15 Title: Polymer chromophore-catalyst assembly for solar fuel generation

Gyu Leem, University of Texas at San Antonio, USA

### Panel Discussion

Lunch Break 13:15-14:15 @ Texas E

14:15-14:40 Title: Single molecular-based active species on carbon-based nanomaterials for ethylene polymerizations

Sungjin Park, Inha University, Republic of Korea

14:40-15:05 Title: Pendant homopolymer and copolymers as solution-processable thermally activated delayed fluorescence materials for organic light-emitting diodes

Zhongjie Ren, Beijing University of Chemical Technology, China

15:05-15:30 Title: Geminal cross-coupling polymerization for multiple topological conjugated polymers

Ming-Qiang Zhu, Huazhong University of Science and Technology, China

15:30-15:55 Title: POSS® viscoelastic hemostat

Joseph D Lichtenhan, Hybrid Plastics Inc, USA

15:55-16:20 Title: Polymer electrolytes for solid-state sodium batteries

Hongcai Gao, The University of Texas at Austin, USA

Networking & Refreshment Break 16:20-16:40 @ Foyer

### Panel Discussion

**Day 2 November 16, 2017**

**Conference Hall: Texas D**

### **Keynote Forum**

**10:30-11:10 Title: Inverted grafting-to key to superior aqueous friction**

**Soren Hvilsted**, Technical University of Denmark, Denmark

**11:10-11:50 Title: Oriented recrystallization of carbon-coated pre-oriented ultrathin polymer films**

**Shouke Yan**, Beijing University of Chemical Technology, China

**Networking & Refreshment Break 11:50-12:10 @ Foyer**

**12:10-12:50 Title: Modification of polymer properties by use of modified oligomers and chain structures**

**Michael Wells**, Reynolds Polymer Technology, USA

#### **Sessions:**

**Polymer Synthesis and Polymerization | Macromolecular Polymeric Structure | Polymers for Catalysis and Energy Applications | Polymer Technology | Characterization of Polymers**

**Session Chair: Soren Hvilsted**, Technical University of Denmark, Denmark

**Session Co-chair: Kazuo Akagi**, Ritsumeikan University, Japan

#### **Session Introduction**

**12:50-13:15 Title: Epitaxial-induced polymer crystallization: Mechanism and application in multistructure control**

**Shouke Yan**, Beijing University of Chemical Technology, China

#### **Lunch Break 13:15-14:15 @ Texas E**

**14:15-14:40 Title: Self-adaptive polymeric membrane with adjustable water vapor permeability**

**Jin-lian**, Hong Kong Polytechnic University, Hong Kong

**14:40-15:05 Title: Synthesis of imine-linked two dimensional porous organic polymers exhibiting excited-state intramolecular proton transfer properties**

**Pradeepkumar Jagadesan**, The University of Texas at San Antonio, USA

**15:05-15:30 Title: A novel fluorine-containing elastomer**

**Blessing Oseiwe Eromosele**, Pydenneks Offshore Services Ltd., Nigeria

**15:30-15:55 Title: Industrial cleaner production of well-stabilized silver nanoparticles using environmental benign polymer**

**Moustafa M G Fouda**, Textile Chemistry and Technology at National Research Center, Egypt

#### **Video Presentations**

**15:55-16:15 Title: The role of polymer based epoxies in the encapsulations and long-term performance stability of next generation advanced photovoltaic devices**

**Syed Ghufan Hashmi**, Aalto University, Finland

**16:15-16:35 Title: Coffee as functional and application food polymers for inhibiting obesity**

**Rosa Lelyana**, Diponegoro University, Indonesia

#### **Poster Presentations 16:35-16:55**

**P1 Title: Synthesis and electrochemical characterization of polypyrrole films doped with organic surfactants**

**Molina L Alberto**, Los Andes University, Colombia

**P2 Title: Influence of the spacer and the existence of the odd-even effect in symmetrical chiral liquid crystal dimers**

**Lakshmi Chockalingam Kasi Viswanath**, Oklahoma State University, USA

#### **Panel Discussion**

**Networking & Refreshment Break 16:35-16:55 @ Foyer**

**Awards & Closing Ceremony**

**Day 3 November 17, 2017**

**Networking & B2B Meetings**

**Panel Discussion**

**Networking Lunch 13:00-14:00 @ Texas E**