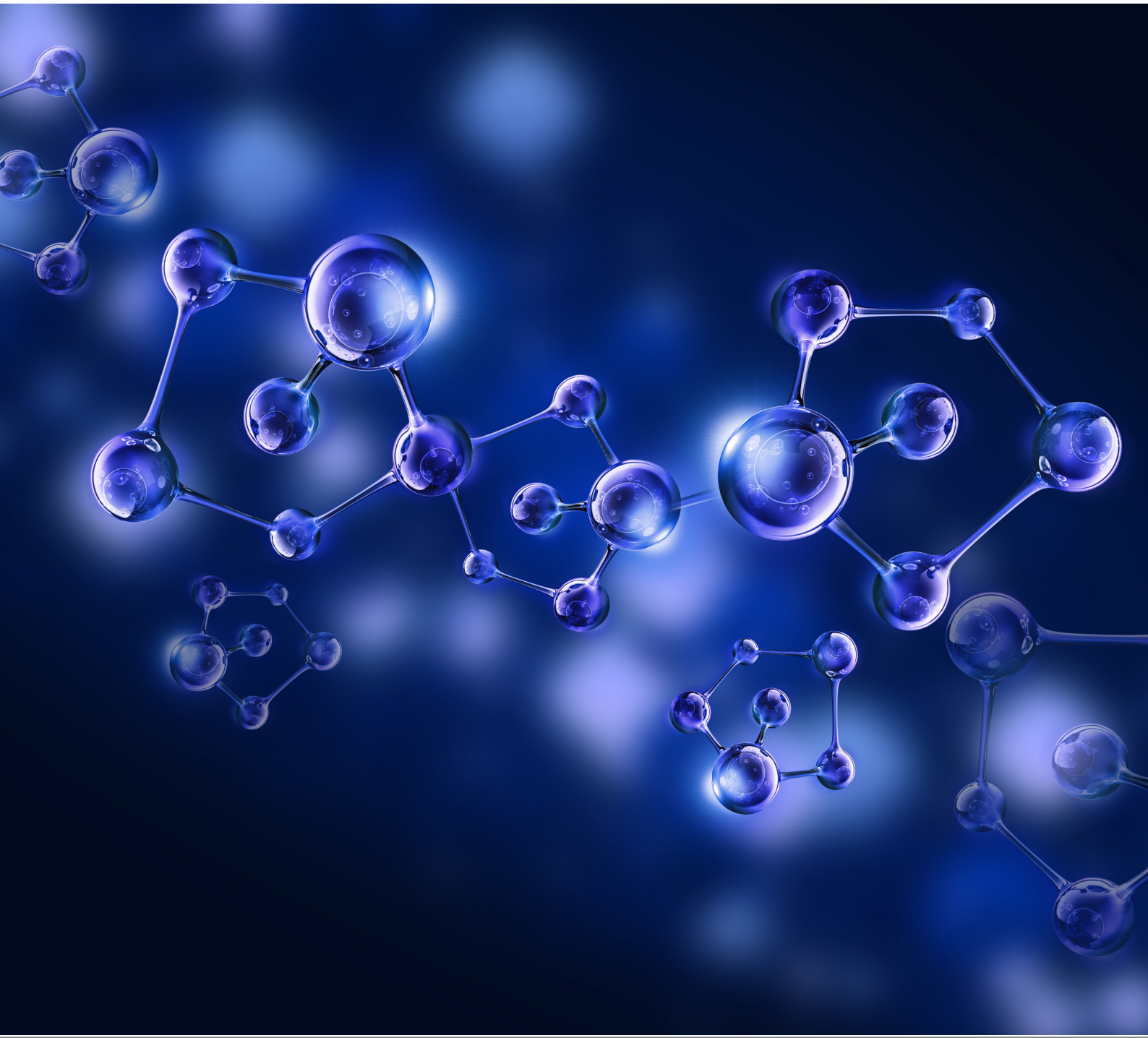
4th International Conference on

POLYMER SCEINCE AND TECHNOLOGY



June 04-05, 2018
London, UK

EuroSciCon

https://polymerscience.euroscicon.com/

Polymer Congress 2018

Polymer Congress 2018

Agenda Day 1: Jun 04, 2018

Meeting Hall - Bleriot 1

08:00-09:00 Registrations

09:00-09:20 Opening Ceremony

09:20-09:30 Introduction

Keynote Forum

09:30-10:10 **Title: The Effect of an Acrylic Polymer Wax Control Additive as a Cold Flow Solution for Wax Challenges**

Jessica Gould, Croda Europe LTD, UK

10:10-10:50 **Title: Ultrahigh-temperature phthalonitrile nanocomposites with functionalized silicon-based nanoparticles: Structure, dynamics, properties**

Vladimir A Bershtein, Ioffe Institute, St.-Petersburg, Russia

Networking & Refreshment Break 10:50-11:05 @ Breakout Area

Sessions: Polymer Science-The Next Generation | Polymers And The Future Of Industries |Polymer Material Science And Engineering | Polymer Nanotechnology | Polymer Chemistry |Composite Polymeric Materials

Session Chair: Lianbin Zhang, Huazhong University of Science and Technology, China

Session Co-Chair: Haruhisa Kato, AIST, Japan

Session Introduction

11:05-11:30 **Title: OEGylated Dendronized Polymers for Stimuli-Responsive Materials**

Afang Zhang, Shanghai University, China

11:30-11:55 **Title: Characterization of Poly(lactic Acid) Foams produced by extrusion with different chemical blowing agents**

Akos Kmetty, Budapest University , Hungary

11:55-12:20 **Title: Deposition and control of polymer dielectrics for OTFTs**

Hazel Assender, University of Oxford, UK

12:20-12:45 **Title: Evaporative Structuring of Solutions of Active Blends for Molecular Electronics Applications**

Jasper Michels, Max Planck Institute for Polymer Research, Germany

Group Photo

Lunch Break 12:45-13:35 @ RBG

13:35- 14:00 **Title: Assembly of Block Copolymers in 3D Confined Geometries**

Jintao Zhu, Huahzong University of Science & Technology, China

14:00-14:25 **Title: Promising Tailor Made Nanocapsules Based on Biopolymer For Antibiotic Therapy**

Sabrina Belbekhouche, University of Paris, France

14:25-14:50 **Title: Suface-grafted polymer brushes with ladder-like architecture**

Szczepan Zapotoczny, Jagiellonian University,Poland

14:50-15:15	**Title: Acrylic acid grafted biopolymer Chitosan/TiO2 based nanocomposite for application in solar light induced photocatalytic degradation** **Dhiraj Sud**, SantLongowal Institute of Engineering and Technology, India
15:15-15:40	**Title: Incremental Sheet Forming for manufacturing customized UHMWPE cranial implants** **Isabel Bagudanch**, Ines Ferrer, Maria Lusia, University of Girona, Spain
15:40-16:05	**Title: Combined/copolycondensation: sustainable methods for biobased polymers** **Rosica Mincheva,** University of Mons, Belgium

Networking & Refreshment Break 16:05-16:20 @ Breakout Area

16:20- 16:40	**Title: WATIFY- The Technological transformation** **Shirley Vollenberg,** Communication advisor – EU projects, Netherland
16:40-17:05	**Title: Dynamic polymer networks based on reversible aromatic disulfide bond: From self-healing to processability, recyclability and more** **Alaitz Rekondo,** CIDETEC Foundation, SPAIN
17:05- 17:30	**Title: Semi interpenetrating networks of chitosan /acrylic acid / thiourea for sequestering cadmium from aqueous solution** **Kamlesh Kumari,** Sant Longowal Institute of Engineering and Technology India"

Agenda Day 2 June-05, 2018

Meeting Hall - Bleriot 1

Keynote Forum

09:30-10:10	**Title: Phenomenological Review of LCP/PET Droplet Fibrillation by Repeated Extrusion for Nanofiber Formation** **Han-Yong Jeon**, INHA University, South Korea

Session Introduction

Sessions: Polymer Physics | Role Of Polymers In Biology And Biological Systems | Applications Of Polymers | Advanced Polymer Structures |Polymers In Wastes And Their Environmental Impact

Session Chair: Afang Zhang, Shanghai University, China

Session Co-Chair: Hazel Assender, University of Oxford, UK

10:10-10:35	**Title: Epigenetic re-programming of plasma microvesicles in sepsis** **Lianbin Zhang,** Shanghai University, China
10:35-11:00	**Title: Bismuth additives for silicon oils as a "green" alternative** **Andres Eduardo Ciolino**, PLAPIQUI (DIQ-UNS), Argentina

Networking & Refreshment Break 11:00-11:15 @ Breakout Area

11:15-11:40	**Title: Exploration of the metal-organic framework/polymer interface in Mixed Matrix Membranes "** Sergio Tavares, Université de Montpellier, France
11:40-12:05	**Title: Near-surface crystallization in polyesters** Hazel Assender, University of Oxford, UK
12:05-12:25	**Title: Finite Element Material Model for the Prediction of the Thermal Conductivity of Highly Filled Polymers** Jochen Gaiser, University of Applied Sciences Karlsruhe, Germany
12:25-12:45	**Title: Superhydrophobic coatings from water-based beeswax emulsions** Sara Naderizadeh, Italian Institute of Technology , Italy

Lunch Break 12:45-13:35@ RBG

13:35-13:55

Title: Investigation of Biocompatible Thiol/Yne Formulations for 3D Printing of Medical Scaffolds

Daniel Hennen, Montan university Leoben, Austria

13:55-14:15

Title: Study of coumarin incorporation in therapeutic polymers

M. José Carrero , University of Castilla-La Mancha, Spain

14:15-14:35

Title: Poly(phenylene methylene): A Thermally Stable, Processable Hydrocarbon Polymer with Unexpected Photoluminescence

Andreas Braendle, ETH Zurich, Switzerland

14:35- 14:55

Novel Approaches to Analyze Interior Lamellae and Assembly in Spherulitic Morphology of Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) Crystallized with Poly(vinyl methyl ether)

Chung-Hao Chen, National Cheng Kung University, Taiwan

14:55- 15:15

Synthesis and morphological insights into novel, stable and biocompatible smart hydrogels with prospective wound healing properties

Deepa Suhag, Amity University, India

15:15-16:15 Poster Presentaions@Foyer

Networking & Refreshment Break 16:15-16:30 @ Breakout Area

Awards & Closing Ceremony