Tentative Program

conferenceseries.com

# 2nd International Conference on Advances in Chemical Engineering & Technology



- Interactive Sessions
- Keynote Lectures
- Plenary Lectures
- Workshops
- Exhibitors
- B2B Meetings

***For available speaker slots***

eurochemengineering@chemseries.com

## Paris, France

November 16-17, 2017

*http://chemicalengineering.conferenceseries.com/europe*

Eurochemical Engineering 2017

# Program at a Glance

## 2nd International Conference on

# Advances in Chemical Engineering & Technology

## Paris, France November 16-17, 2017

**Program at a Glance**

### Day 1

| | | |
|---|---|---|
| **Reception/Registration** | **08.00-09.00** | |
| | **Time** | **General Session** |
| Morning Sessions | 09.00-09.15 | Inaugural Address |
| Least of 3 Keynote/Plenary Talks | 09.15-09.45 | Keynote/Plenary Talk 1 |
| | 09.45-10.15 | Keynote/Plenary Talk 2 |
| | 10.15-10.45 | Keynote/Plenary Talk 3 |
| Panel Discussions/Group Photo | | |
| **Coffee/Tea Break 10.45-11.00 (Networking)** | | |
| 11.00-12.40 | Advances in Bioprocessing, Biomolecules, Biochemical engineering, Downstream Processing, Heat Transfer Equipment, | |
| | | |
| **Lunch Break 12.40-13.30** | | |
| Evening Sessions 13.30-15.30 | Advances in Chemical Engineering, Chemical reactors, Thermodynamics, Chemical engineering, Chemically Reacting Systems. | |
| | | |
| **Coffee/Tea Break 15.30-15.45 (Networking)** | | |
| 15.45-17.25 | Workshop | |

## Day 2

Morning Sessions

| Time | Session 1 | Session 2 |
|---|---|---|
| 09.00-10.40 | Keynote Forum | Bio Chemistry, Membrane Separation, Sterilization, Fluid Flow, Overcoming Equilibrium, Equilibrium stage processes, |
| | | |
| **Coffee/Tea Break 10.40-10.55 (Networking)** | | |
| 10.55-12.35 | Metabolism And Bio Energetics, Recombinant DNA Technology | Rheology And Mixing In Fermentation Broths, Kinetics Of Biological Reactions, Energy Balance, safety methods. |
| | | |
| **Lunch Break 12.35-13.25** | | |

Evening Sessions

| | | |
|---|---|---|
| 13.25-15.05 | Transport Phenomena In Bio Process Systems, Heat Transfer In Bio Processing | Kinetics Of Microbial Growth And Bio Chemical Reactors, Mass Transfer In Bio Processing Operations, Designing Reactors. |
| | | |
| **Coffee/Tea Break 15.05-15.20 (Networking)** | | |
| 15.20-17.00 | Microbial World, Biomedical engineering | Bioreactors and nonlinear systems, The Conservation Laws and Stoichiometry, Components Mass Balances. |

**NOTE: Program Schedule is subject to change with final allotment of the speaker slots**

**For more Details PS: http://biochemicalengineering.conferenceseries.com/**

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http://chemicalengineering.conferenceseries.com/europe/abstract-submission.php

# Sessions

- Safety Methods
- Advances in Bioprocessing
- Advances in Chemical Engineering
- BioChemical Engineering
- BioMolecules
- BioReactors And Fermentation
- Downstream Processing
- Heat Transfer Equipment
- Heat Transfer In BioProcessing
- Kinetics Of Biological Reactions
- Kinetics Of Microbial Growth And Bio Chemical Reactors
- Mass Transfer In BioProcessing Operations
- Metabolism And BioEnergetics
- Microbial World
- Recombinant DNA Technology
- Rheology And Mixing In Fermentation Broths
- Sterilization
- Transport Phenomena In BioProcess Systems
- Biomedical engineering
- Bioreactors and nonlinear systems
- Chemical engineering
- Chemical reactors
- Thermodynamics
- Components Mass Balances
- Designing Reactors
- Energy Balance
- Equilibrium stage processes
- Fluid Flow
- Membrane Separation
- Overcoming Equilibrium
- The Conservation Laws and Stoichiometry
- Bio Chemistry
- Chemically Reacting Systems

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**Eurochemical Engineering 2017**

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**Eurochemical Engineering 2017**

conferenceseries.com
659th Conference

Scientific Program

3rd International Conference and Exhibition on

# Biopolymers & Bioplastics

September 12-14, 2016 San Antonio, Texas, USA



**Hosting Organization:**
**Conference Series LLC**
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Email: biopolymer@conferenceseries.net

## Day 1 September 12, 2016

**Registrations**

**Texas B**

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# Opening Ceremony

## Keynote Forum

**Introduction**

**Title: Structure property relationships of biobased epoxy resins**

**Richard A. Gross,** Rensselaer Polytechnic Institute, USA

**Title: Bio-based thermosets from star-like highly functional reactive resins**

**Dean C. Webster,** North Dakota State University, USA

**Title: Circular economy and sustainability of bioplastics and biobased materials: New challenges and future prospective**

**Amar Mohanty,** University of Guelph, Canada

Group Photo and Coffee Break @ Foyer

## Sessions: Biomaterials and Biopolymers

Session Introduction

**Session Chair: David Grewell, Iowa State University, USA**

**Session Co-chair: Chang-Sik Ha, Pusan National University, Korea**

**Title: Political landscape for bioplastics and biobased materials**

**Rina Singh, Biotechnology Innovation Organization, USA**

**Title: Biopolymer based bionanocomposites**

**Chang-Sik Ha, Pusan National University, Korea**

**Title: Supramolecular polymers based on short peptides: Building on the building blocks of life**

**Rein V Ulijn, City University of New York, USA**

**Title: Free radical polymerization of acrylic monomers from plant oils**

**Andriy Voronov, North Dakota State University, USA**

**Title: The development of nonabsorbed potassium binding polymer microparticles (patiromer) for the treatment of hyperkalemia**

**Bo Chen, Relypsa Inc., USA**

**Title: Cellulose dissolution: promising approach for the preparation of composite materials**

**Noureddine Abidi,** Texas Tech University, USA

**Panel Discussion 13:05 -13:10**

Lunch Break @ Texas A

## Sessions: Biomaterials and Biopolymers (Cont..)

Session Introduction

**Session Chair: Richard A. Gross, Rensselaer Polytechnic Institute, USA**

**Session Co-chair: Noureddine Abidi, Texas Tech University, USA**

**Title: Synthesis of biobased nano composite materials: Metal nano particles stabilized in soy bean oil polymer**

**Baki Hazer, Bülent Ecevit University, Turkey**

**Title: Poly (glycerol-sebacate); A new bioelastomer with antimicrobial and immunomodulatory properties**

**Peter Gabriele, Secant Group, USA**

**Title: Multilayer core-sheath nanofiber scaffolds used in the differential release of bioactive molecules**

**Dula Man, Delaware State University, USA**

**Title: Reactive extrusion and in situ compatibilization of poly lactic acid and poly glycerol succinate: A sustainable way for toughening of PLA**

**Manjusri Misra,** University of Guelph, Canada

**Title: Production of an antimicrobial edible casein-based material**

**Elodie Chevalier,** Université de Lyon, France

Coffee Break @ Foyer

**Title: Facelift of PLLA: Effect of orientation on physical ageing in poly(L-Lactic Acid) films**
**Gagik Ghazaryan,** ETH Zurich, Switzerland

**Workshop Session**

**Title: Biocatalytic routes to monomers and polymers**
**Richard A. Gross,** Rensselaer Polytechnic Institute, USA
**Title: A chemical platform for the production of bio-PET**
**Ryan L. Smith,** Micromidas Inc., USA

**Panel Discussion**

## Day 2 September 13, 2016

**Texas B**

## Keynote Forum

**Title: Fully bio-based non-isocyanate polyurethanes (NIPU) via cyclic carbonate/amine route**
**Etienne Grau,** University of Bordeaux, France

**Title: Sustainable plastics and the center for bioplastics and biocomposites**
**David Grewell,** Iowa State University, USA

Coffee Break @ Foyer

**Sessions: Biopolymer applications | Plastic pollution and waste management**

**Session Chair: Amar Mohanty,** University of Guelph, Canada

**Session Co-chair: Johan Pluyter,** International Flavors and Fragrances, USA

**Title: Biopolymers in flavor and fragrance delivery systems**
**Johan Pluyter,** International Flavors and Fragrances, USA
**Title: Development of bio-based plywood adhesive utilizing protein recovered from hydrolyzed specified risk materials**
**Birendra B. Adhikari,** University of Alberta, Canada
**Title: Fabrication of multifunctional biopolymer composites with high performance by controlling the dispersion and distribution of graphene in the composites**
**Jinrui Huang,** Chinese Academy of Forestry, China
**Title: Novel tung oil-based unsaturated ester macromonomer for thermosetting polymers**
**Chengguo Liu,** Chinese Academy of Forestry, China
**Title: Creation of keratin resin and fibroin resin using fibrous animal waste products**
**Shinji Hirai,** Muroran Institute of Technology, Japan
**Title: Isolation and characterization of polyvinyl alcohol (PVA) degrading fungal strains from soils**
**Somayeh Mollasalehi,** University of Manchester, UK

Lunch Break @ Texas A

**Title: Biodegradation of biopolymers under soil and compost conditions**
**Asma Said Khalid Al Hosni,** University of Manchester, UK

**Workshop Session**

**Title: High Performance, high bio-content thermosets for composites and coatings**
**Dean Webster,** North Dakota State University, USA

**Panel Discussion**

Coffee Break @ Foyer

**Poster Presentations**

**BPBP-01** **Title: Biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) with high $C_6$-monomer composition from $CO_2$ by recombinant of Ralstonia eutropha**
**Kenji Tanaka,** Kindai University, Japan

**BPBP-02** **Title: Valorisation of food wastes through acidogenic fermentation**
**María C Veiga,** University of A Coruña, Spain

**BPBP-03** **Title: Study on the curing characteristics and synthesis process of modified urea-formaldehyde resin with low formaldehyde release**
**Jiyou Gu,** Northeast Forestry University, China

**BPBP-04** **Title: Thermal treatment of soybean protein and its effects on the water resistance of soybean protein adhesive**
**Zhen-Hua Gao,** Northeast Forestry University, China

**BPBP-05** **Title: Preparation and performance of water-borne acrylic wood coatings modified by rice husk ash**
**Shuangying Wei,** Northeast Forestry University, China

**BPBP-06** **Title: Comparative analysis between maize and cassava starch through XPS**
**Yanhua Zhang,** Northeast Forestry University, China

**BPBP-07** **Title: Zinc Oxide nanoparticles control skin infection and improve dermal wound healing in Humans**
**Rebeca Betancourt Galindo,** Centro de Investigación en Química Aplicada, Mexico

**BPBP-08** **Title: Surface modified chitin with silane as reinforcement in mortar composites**
**Anju Ramakrishnan,** Indian Institute of Technology Madras, India

**BPBP-09** **Title: The survival-dose effect model of microorganism implanted by low energy $N^+$**
**Ning Zhang,** Chinese Academy of Forestry, China

**Best Poster Award Presentation**

**Day 3 September 14, 2016**

**Texas B**

## Keynote Forum

**Title: Understanding biodegradability-The science, the misuse and true value proposition**
**Ramani Narayan,** Michigan State University, USA

**Workshop Session**

**Title: Bio-based and biodegradable compostable plastics: Logic, definitions and testing methods**
**Ramani Narayan,** Michigan State University, USA

Coffee Break @ Foyer

**Sessions: Routes to drop-in monomers and bioplastics | Future and scope for biopolymers and bioplastics | New-to-the-world biopolyesters**

**Session Chair: Oliver Ehlert,** DIN CERTCO GmbH, Germany

**Title: Certification of bioplastics – Standards and politics**
**Oliver Ehlert,** DIN CERTCO GmbH, Germany

**Title: PEF (polyethylene 2,5-furandicarboxylate): A new emerging biobased polyester from carbohydrates**
**Nathanael Guigo,** University Nice Sophia Antipolis,France

**Title: Biodegradable polymers from brewery wastewater**
**María C. Veiga,** University of A Coruña, Spain

**Title: Biopolymers-based active edible coatings to improve quality and safety of food products**
**Elena Poverenov,** Agricultural Research Organization The Volcani Center, Israel

**Panel Discussion**

**Award & Closing Ceremony**

Lunch Break @ Texas A

## Bookmark Your Dates

5th International Conference and Exhibition on

# Biopolymers & Bioplastics

October 19-21, 2017 San Francisco, USA

**Website:** www.biopolymers-bioplastics.conferenceseries.com

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661st Conference

*Scientific Program*

International Conference on

# Chemical Engineering

September 12-14, 2016 Phoenix, USA




**Hosting Organizations: Conference Series LLC**

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: ++1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

**Conference Series Ltd**

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## Day 1 September 12, 2016

**Registrations**

Staghorn

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# Opening Ceremony

## Keynote Forum

**Introduction**

**Title: Frontiers in chemical engineering for sustainable earth**

**Ravindra Pogaku,** University Malaysia Sabah (UMS), Malaysia

**Refreshments and Networking Break @ Foyer**

**Title: Stimuli-responsive and nanostructured polymer films for modulating surface properties: Fabrications, applications and limitations**

**Suzanne Giasson,** Université de Montréal, Canada

## Panel Discussion

Sessions:
**Advances in Chemical & Process Engineering | Advances in renewable chemicals | Thermodynamics | Separation process**

**Session Chair: Amarjit Bakshi,** Refining Hydrocarbon Technologies LLC, USA
**Session Co-Chair: Aymn Abdulrahman,** University of Jeddah, Saudi Arabia

**Session Introduction**

**Title: Change refinery gasoline economics by breakthrough smart technologies: RHT- alkylation and RHT-iso-octene and iso-octane technology**

**Amarjit Bakshi,** Refining Hydrocarbon Technologies LLC, USA

**Title: Acetic acid removal from pre-pulping wood extract**

**Aymn Abdulrahman,** University of Maine, USA

**Title: Selective removal of boron from solutions using radiation grafted microfibrous and nanofibrious adsorbents containing glucamine ligands**

**Mohamed Mahmoud Nasef,** Universiti Teknologi Malaysia, Malaysia

**Lunch Break @ Foyer**

**Title: Application of Acti-Zyme in wastewater treatment for recovering biogas**

**Daniel Ikhu-Omoregbe,** Cape Peninsula University of Technology, South Africa

**Title: Production of high value added petroleum additives by esterification of carboxylic acids using solid acid catalyst zeolite Hβ**

**Vaishali Rakesh Umrigar,** Sardar Vallabhbhai National Institute of Technology, India

**Title: Use of distillery spent grains in fermentative lactic acid production**

**Dragomir Yankov,** Bulgarian Academy of Sciences, Bulgaria

**Title: Treatment of an alternative water source for drought relief**

**Talbott G. Howard,** ECT Services & Solutions Inc., USA

**Refreshments and Networking Break @ Foyer**

## Panel Discussion

## Day 2 September 13, 2016

## Staghorn

## Keynote Forum

**Introduction**

**Title: Controlling the morphological and property development in network-forming multiblock ionomers**

**Richard J Spontak,** NC State University, USA

**Refreshments and Networking Break @ Foyer**

**Title: Process intensification using catalysis for renewable fuels and chemicals**

**Haresh Manyar,** Queen's University Belfast, UK

## Panel Discussion

Sessions:

**Chemical Polymer Technology | Petroleum Refining and Petrochemicals | Applications of Chemical Technology | Biomolecular Engineering**

**Session Chair: Ravindra Pogaku,** University Malaysia Sabah (UMS), Malaysia

**Session Co-Chair: Haresh Manyar,** Queen's University Belfast, UK

**Title: Impact of biopolymer's chemical heterogeneity on drug release from matrix formulations – An experimental study combined with simulations of the drug release**

**Anette Larssson,** Chalmers University of Technology, Sweden

**Title: Gold based catalyst for low temperature water-gas shift reaction**

**Jehad Abu-Dahrieh,** Queen's University Belfast, UK

**Title: Study of non-isothermal crystallization kinetics of polypropylene and acrylonitrile butadiene styrene (ABS) blends**

**Bader Albusairi,** Kuwait University, Kuwait

**Lunch Break @ Foyer**

**Title: Chemical Engineers: Untold contributions to humanity**

**Tony Green,** Speaking Green Communications Livermore, USA

**Title: Removal of sulfides and oil from produced water**

**Ana Karla Costa de Oliveira,** Federal Institute of Rio Grande do Norte, Brazil

**Title: Systematic and knowledge-based invention in science and industry - 1; context, problematics, and research strategy**

**Ali Taheri,** Exaura Artefact Inc., USA

## Workshop Session

**Title: Biofuels 2016**

**Ravindra Pogaku,** University Malaysia Sabah (UMS), Malaysia

## Panel Discussion

**Refreshments and Networking Break @ Foyer**

## Poster presentations

**CME-1**

**Title: Energy efficiency of a fuel cell for environmental purposes**

**Dragomir Yankov,** Bulgarian Academy of Sciences, Bulgaria

**CME-2**

**Title: Synthesis and characterization of a photoluminescent Zr-based metal-organic framework with controllable UV-induced structural variation and ultrahigh hydrostability**

**Bohan Shan,** Arizona State University School for Engineering of Matter, USA

**CME-3**

**Title: Effective reduction of aromatic rings of phenols and anisoles as lignin-like compounds using iron powder and Rh/C in sulfuric acid**

**Daiki Yokoyama,** Prefectural University of Hiroshima, Japan

## Day 3 September 14, 2016

### Staghorn

Sessions:
**Electrochemical Engineering | Biochemical engineering | Renewable energy & Environment**

**Session Chair: Daniel Ikhu-Omoregbe,** Cape Peninsula University of Technology, South Africa
**Session Co-Chair: Ali Taheri,** Exaura Artefact Inc., USA

**Title: Analysis of heavy metals distribution in municipal solid wastes in Cape Town**
**Daniel Ikhu-Omoregbe,** Cape Peninsula University of Technology, South Africa

**Title: An overview of renewable fuels ethanol from cellulose and bio-diesel from conventional /Algae feed status and economic options for ETBE**
**Amarjit Bakshi,** Refining Hydrocarbon Technologies LLC, USA

**Refreshments and Networking Break @ Foyer**

**Title: Systematic and knowledge-based invention in science and industry - 2; TRIZ, IDM-TRIZ, and STEPS software**
**Ali Taheri,** Exaura Artefact Inc., USA

**Title: Removal of mixed acids from aqueous solution**
**Aymn Abdulrahman,** University of Maine, USA

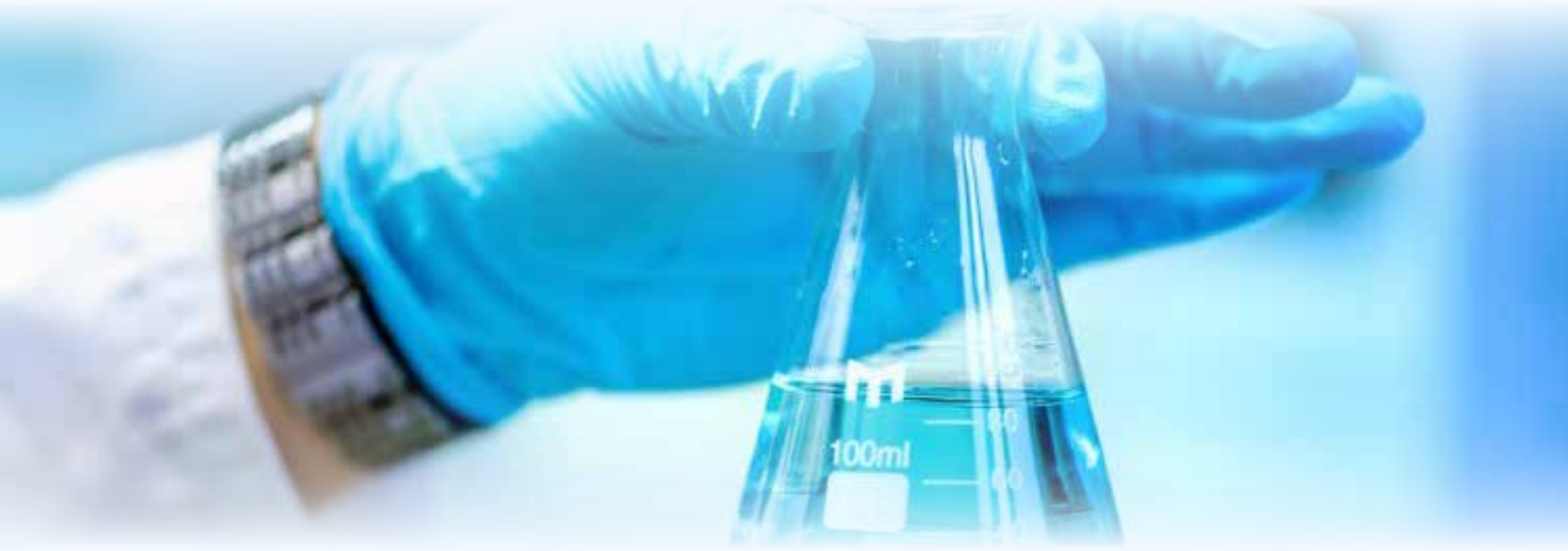
**Workshop Session**

**Title: Fundamentals of pipeline corrosion principles and mitigation**
**Amarjit Bakshi,** Refining Hydrocarbon Technologies LLC, USA

**Panel Discussion**

**Lunch Break @ Foyer**

**Closing Ceremony**




## Bookmark your dates

2nd International Conference on

# Chemical Engineering

October 2-4, 2017 Chicago, USA

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Website: chemicalengineering.conferenceseries.com

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2nd World Congress on

# Biopolymers

August 04-05, 2016 Manchester, UK

## Scientific Program




**Hosting Organizations:** Conference Series LLC

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Email: biopolymercongress@insightconferences.com; biopolymercongress@conferenceseries.com

Registrations

## Rosewood Room

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# Opening Ceremony

## Keynote Forum

**Introduction**

**Title: New concept of resorbable biopolymer hybrids for implant applications**

**Xiang Zhang,** University of Cambridge, United Kingdom

**Title: Novel approaches in hydrogel design from chemically-modified polysaccharides**

**Rachel Auzely Velty,** University Grenoble Alpes, France

**Title: Radiation processed textile sludge for preparing eco-friendly bricks**

**Mubarak Ahmad Khan,** Bangladesh Atomic Energy Commission, Bangladesh

**Networking and Refreshment Break @ Outside Room**

**Sessions:**

**Advanced Biopolymers | Natural Polymers | Biopolymers in Biofibers & Microbial Cellulose**

**Session Chair: Maria Cristina Righetti,** National Research Council, Italy

**Session Introduction**

**Title: Biosynthesis of block copolymer for poly(3-hydroxyalkanoate)**

**Takahiko NAKAOKI,** Ryukoku University, Japan

**Title: Magnetism in metal-free phthalocyanine and graphite-like nanostructures**

**Armen Kocharian,** California State University, USA

**Title: Constrained amorphous interphase and mechanical properties of bio-based polyesters**

**Maria Cristina Righetti,** National Research Council, Italy

**Title: Effect of additives on properties of bio-based polymers and their blends**

**Patrizia CINELLI,** National research Council, Italy

**Title: Understanding the microphase morphology of concentrated cellulose solutions from their rheological behavior**

**Yumei Zhang,** College of Material Science and Engineering, China

**Group Photo @ Rosewood Room**

**Lunch Break @ Source Grill**

**Title: Controlled simple green synthesis of smaller sized aqueous quasi-spherical polymer-capped silver nanoparticles**

**Samuel Oluwatobi Oluwafemi,** University of Johannesburg, South Africa

**Title: Preparation and characterization of organic montmorillonite- polyvinylalcohol-co-polyacrylic nanocomposite hydrogel for heavy metal uptake in water**

**Ehsan A. H. A. Gomaa,** Ain Shams University, Egypt

**Title: Organic modification and functionalization of biobased aromatics and their use in industrial polymer formulations**

**Elena Benedetti,** AEP Polymers Srl, Italy

**Title: Dissolution of cellulose in ionic liquids via polyelectrolyte interaction**

**Ye Chen,** College of Material Science and Engineering, China

**Title: Fabrication of reduced graphene oxide/chitosan-based conductive hydrogel for biomedical applications**

**Neslihan Alemdar,** Marmara University, Turkey

**Networking and Refreshment Break @ Outside Room**

**Title: The effect of magnetic field on biophysical properties of different water samples**

**Amani Samy Hegazy,** Ain Shams University, Egypt

**Title: Immittance responses study of dodecyltrimethylammonium bromide effect on 2-hydroxyethyl cellulose solid biopolymer electrolytes**

**Mohd Ikmar Nizam Bin Haji Mohamad Isa,** Universiti Malaysia Terengganu, Malaysia

**Title: Lignin phenol formaldehyde resole resin: Synthesis and characteristics**

**Masoumeh Ghorbani,** University of Natural Resources and Life Sciences, Austria

**Title: Composition dependence of the synergistic effect of nucleating agent and plasticizer in poly(lactic acid)**

**Seyed Mohammad Kazem Fehri,** University of Pisa, Italy

**Day 2 August 05, 2016**

## Rosewood Room

## Keynote Forum

**Title: Superior thermoplastics prepared entirely from lipids: Synthesis, structure and properties**

**Suresh S. Narine,** Trent University, Canada

**Title: Developing environment-sensitive molecular probes for target binding-activated fluorescence imaging**

**Yi Pang,** The University of Akron , USA

**Sessions:**
**Biopolymers as Materials | Green Composites in Biopolymers**

**Session Chair: Lovely Mathew,** Mahatma Gandhi University, India

**Session Introduction**

**Title: Study on curing condition of furan resin for matrix of green composites**

**Masatoshi Kubouchi,** Tokyo Institute of Technology, Japan

**Title: Bioactive nanofibrous systems based on natural materials**

**Elisa Mele,** University Loughborough, United kingdom

**Title: Alcayota films: Effect of crosslinking**

**Martin AMasuelli,** Stanford University, USA

**Networking and Refreshment Break @ Outside Room**

**Title: Development and characterization of bio nano cellulose reinforced polyamide nanocomposites prepared by electron spinning method**

**Lovely Mathew,** Mahatma Gandhi University, India

**Title: The physical principles underpinning the emergence of structure in plants, and their application in the development of new biopolymer based materials**

**PhilipTurner,** Edinburgh Napier University, United Kingdom

**Title: Bionanocomposites derived from natural hydrogel matrices: An application for water purification**

**Shivani Bhardwaj Mishra,** University of South Africa, South Africa

**Title: Maximum utilization of plant resources to produce edible nanocomposite bioplastics**

**Luiz Henrique Capparelli Mattoso,** National Nanotechnology Laboratory for Agribusiness, Brazil

**Title: Thermo sensitive gelling film mediated drug rectal delivery in the treatment of colorectal cancer**

**Lulu Wang,** Institute of Materia Medica, China

**Title: Conversion of lipids into biopolymers and conjugates**

**Aman Ullah,** University of Alberta, Canada

**Lunch Break @ Source Grill**

**Poster Presentations @ Outside Room**

**WCBP-01** **Conformational transitions of uracil transporter-uraa from *escherichia coli*: A molecular simulation study**
**Xi Zhao,** Jilin University, China

**WCBP-02** **Title: Development and in vivo evaluation of a Copper IUD coated with a biodegradable polymer**
**Abi Santhosh Aprem,** HLL Lifecare Ltd, India

**WCBP-03** **Title: Furfuryl low-molecular-weight chitosan derivative as anti-adhesion after tendon regeneration surgery**
**Tae-Il Son,** Chung-Ang University, Republic of Korea

| | |
|---|---|
| WCBP-04 | **Title: Isolation and characterisation of pha-producing bacteria from the environment.**<br>**Aisha Alwuhaib,** University of Portsmouth, UK |
| WCBP-05 | **Title: Investigations of takeout proteins' ligand binding and release mechanism using molecular dynamics simulation**<br>**Xu-ri Huang,** Jilin University, China |
| WCBP-06 | **Title: Biopolymer chitosan/montmorillonite/nano γ-$Al_2O_3$ nanocomposites: Preparation and characterization**<br>**Nahid Shajari,** Islamic Azad University, Iran |
| WCBP-07 | **Title: Tearing resistance of blown biodegradable films based on PLA**<br>**Norma Mallegni,** University of Pisa, Italy |
| WCBP-08 | **Title: Multiscale simulations of a peptide - Zinc oxide composite**<br>**Immanuel Schäfer,** University of Stuttgart, Germany |
| WCBP-09 | **Title: Radiation copolymerization of different monomers and polymers producing hydrogels applied in water treatment processes**<br>**Reem Mohammed,** Ain Shams University, Egypt |
| WCBP-10 | **Title: Isolation and characterization of polyvinyl alcohol (PVA) degrading fungal strians from soils**<br>**Somayeh Mollasalehi.** University of Manchester, United Kingdom |

**Sessions:**
**Biopolymer Feed Stock Challenges & Opportunities | Biopolymers for Tissue Engineering | Future & Scope of Biopolymers**

**Session Chair: Florent Allais,** ABI – AgroParisTech, France

**Title: Chemo-enzymatic synthesis and polymerizations of bio-based bisphenols derived from lignin: An access to novel 100% renewable alternating aromatic/aliphatic polymers**

**Florent Allais,** ABI – AgroParisTech, France

**Title: Biodegradable and renewable polymers: How to contribute to a sustanable future**

**Andreas Kunkel,** BASF SE, Germany

**Title: Preparation and characterization of silk/diopside composite nanofibers via electrospinning for tissue engineering applications**

**Abbas Teimouri,** Payame Noor University, Iran

**Networking and Refreshment Break @ Outside Room**

**Title: Preparation and characterization of bacterial cellulose-based biomaterial as scaffolds for articular cartilage tissue engineering**

**Huaping Wang,** Donghua University, China

**Title: Biopolymers – Key actors in the medicine of the future**

**Francisco M Goycoolea,** University of Leeds, UK

**Title: A tunable and scalable biomaterial for 3D cell development: applications in cartilage engineering and tumor engineering**

**Brigitte Deschrevel,** University of Rouen, France

**Panel Discussion**

**Award & Closing ceremony**

## Bookmark your dates

4th World Congress on

# Biopolymers

**September 07-09, 2017 Paris, France**


e-mail: biopolymercongress@insightconferences.com; biopolymers@conferenceseries.net
Website: biopolymers.conferenceseries.com

**Conference Series LLC**
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