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Previous Europolymer Conferences

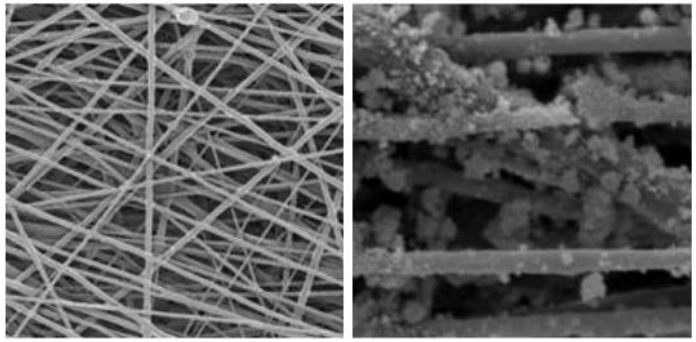
The European Polymer Federation decided from 1998 onwards to organize a series of Europolymer Conferences (EUPOCs) on topics of recent scientific and industrial interest. These annual conferences took place till 2017 in Gargnano (BS) on Lake Garda at the Palazzo Feltrinelli. Since 2018 EUPOC takes place in Como on Lake Como at the Social Como Theatre. The scientific program consists of invited lectures, oral communications and poster presentations. Ample time is given to free discussions, encouraged by the residential style of the conference. The titles of recent EUPOCs were:

- *Hierarchically Structured Polymers* (EUPOC 2010)
- *Biobased Polymers and Related Biomaterials* (EUPOC 2011)
- *Porous Polymer-based Systems* (EUPOC 2012)
- *Polymers and Ionic Liquids* (EUPOC 2013)
- *Precision Polymers: Synthesis, Folding and Function* (EUPOC 2014)
- *Conducting Polymeric Materials* (EUPOC 2015)
- *Block Copolymers for Nanotechnology Applications* (EUPOC 2016)
- *Polymers and Additive Manufacturing: From Fundamentals to Applications* (EUPOC 2017)
- *Biomimetic Polymers by Rational Design, Imprinting and Conjugation* (EUPOC 2018)

Organization

ICTP Instituto de Ciencia y Tecnología de Polímeros
CSIC Consejo Superior de Investigaciones Científicas
ICMPE Institut de Chimie et des Matériaux Paris-Est
cnrs
UPEC Université Paris-Est Créteil Val de Marne
GFP Groupe Français des Polymères
GEP
AIM
UPO

epf European Polymer Federation



First Circular & Call for Papers

https://www.aim.it/eupoc2019

Scope & Objectives

Electrospinning is an electrostatic spinning technique that can be used to produce submicron fibers from (bio)polymer solutions or composite formulations. Such nanofibers have been shown to possess unique properties that distinguish them from non-woven fibers produced by other techniques, *e.g.*, melt blowing or wet spinning. First, the electro-hydrodynamic process involved results in a high orientation of polymers within the fibers, thus displaying improved mechanical properties. Second, during the fiber spinning, the solvent is rapidly evaporated, thus allowing for the production of fibers potentially composed of polymer blends that would typically phase separate if spun with other processes. Third, the nanoscopic dimensions of the fibers lead to very high specific surface areas compared to their volume, in addition to high porosity with interconnected voids. Due to their peculiar characteristics, the use of electrospun polymer and composite 3-D scaffolds and devices is currently being exploited in miscellaneous areas, including tissue engineering, drug delivery, energy storage, and nanotechnology.
The objective of this Conference is to bring together the various disparate communities that work on electrospun polymer-based materials. These communities include those working on the development of fibrous materials for filtration, catalysis, energy, nanotechnology, drug delivery, and tissue engineering applications. The Conference will present topics with similar underlying themes that originate in a variety of research areas with very different perspectives.

The Conference will include sessions on the design of novel electrospun (nano)fibrous polymer and composite materials, on their characterization and properties, and on their application in various fields. This will be one of the rare occasions that a conference focuses upon the wide spectrum of topics related to electrospun polymer research and development.

Scientific Program

The conference will be based on invited lectures, oral communications, and poster presentations. Major topics will be:

- Principles of electrospinning and related electro-hydrodynamic techniques (electrospraing...). Effect of high electric fields in the behaviour of polymer and composite formulations. Miscibility and segregation of polymers and composite formulations
- Chemical structure, morphology and orientation rules in electrospinning and related techniques.
- Random and oriented fibers. Control of process parameters. Application of templates for specific orientation and interactions of fibers and logded systems.
- Advanced applications in energy and transport.
- Contribution to new approaches in nanomaterials and nanodevices.
- Developments in the biomedical and pharmaceutical field. New methodologies for the fabrication of drug delivery systems, 3D cell supports and tissue engineering scaffolds.
- Design and fabrication of new equipments for advanced applications.
- Future prospects of electrospinning and related techniques in the field of polymer and composite materials.

Scientific Committee

Chairs: **Julio San Roman,** ICTP-CSIC, Spain

Daniel Grande, ICMPE, CNRS-Université Paris-Est, Créteil, France

Members: Michele Laus, Giancarlo Galli, M. Letizia Focarete, Katia Sparnacci, Elisa Martinelli

Secretariat EUPOC	Secretariat AIM
Maria G. Viola	**Davide Comoretto**
eupoc@aim.it	segreteria@aim.it

Call for Papers

Participants of EUPOC 2019 are kindly invited to submit a **one-page WORD abstract by 1 March 2019** to eupoc@aim.it. Acceptance notifications will be sent by **15 March, 2019**.

Registration

Registration fee*	**Before 17 April, 2019**	**After 17 April, 2019**
Full delegate**	€ 660	€ 710
AIM Member	€ 620	€ 670
Student**	€ 430	€ 480
AIM Member	€ 390	€ 440
Companion**	€ 260	€ 310

*including, for all delegates and registered companions: welcome party, social dinner, coffee breaks, and lunches from 12 through 16 May at Como Social Theatre.
**including compulsory AIM-membership fee for 2019 (a separate receipt will be issued).

To register, please complete the online Registration Form (www.aim.it/eupoc-2019---registration) not later than 17 April, 2019. The deadline for payment of the early registration fee is 17 April, 2019. Presenters of oral papers must pay their registration fee by **17 April, 2019.**

Venue & Accommodation

The conference will be held on 12–16 May 2019, at Social Como Theatre, situated directly on Lake Como, via Vincenzo Bellini, 3 – 22100 Como (Italy).
Accommodation is to be directly booked by the participants. **Early booking is recommended.**

Cancellation Policy

A 50% reimbursement of the prepaid registration fee will be made available after the conference for cancellations received in writing by 1 May, 2019. No refunds will be possible after that date.