

10th World Congress of Chemical Engineering

Promoters:



Organized by EFCE-Spain Group:



www.wcce10.org

Fibre Suspensions in Process Engineering Symposium - A WCCE10 Joint Event

The flow of fibrous mixtures is common in many industrial processes. However, process design still relies mainly on ad-hoc correlations or iterative procedures, due to the difficulties in establishing reliable mechanistic based models or in the monitoring and characterization of such systems. To overcome these limitations, a lot of effort has been devoted to numerical studies at different levels, using both detailed and fundamental modelling approaches, but also industrially oriented modelling approaches. These have been complemented by experimental investigations that have led to the development of new measurement techniques, which are now being exploited to monitor and characterize fibre suspension flows including its rheological behaviour. This Special Symposium aims at bringing together researchers working in these different fields, but also participants working in the related industries, as well as those in charge of equipment design for industries involving the handling of fibrous suspensions and to generate new ideas to go a step forward in the current state of the art.



Coordinators

Maria Graça Rasteiro, Chair. *University of Coimbra, (PT)*
Elena Fuente. *Complutense University, (SP)*
Cristian Marchioli. *University of Udine, (IT)*
Fredrik Lundell. *KTH, (SE)*
Bandaru V. Ramarao. *State University of New York, (USA)*

Scientific Committee

Maria Graça Rasteiro, Chair. *University of Coimbra, (PT)*
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Geoffrey Duffy. *Auckland University, (NZ)*
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Cristian Marchioli. *University of Udine, (IT)*
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Bandaru V. Ramarao. *State University of New York, (USA)*
Salah Skali-Lami. *Nancy University, (FR)*
Lin Jian Zhong. *Zhejiang University, (CN)*

Call for Abstracts now open

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■ Topics

Topics to be addressed in this Special Symposium, closely related to the main topic of WCCE 10, Multiphase Flow:

- Euler approaches to fibre suspension flow
- Lagrangian approaches to fibre suspension flow
- Experimental techniques for fibre suspension flows
- Design of process units handling fibrous systems
- Monitoring and characterization of fibrous suspension flows
- Rheology of fibrous suspensions: experimental and modelling
- Characterization of fibrous suspensions
- Studies of interactions in fibrous suspensions
- Complex systems involving fibre suspensions
- Nanofibres suspensions

■ Abstract Submission

Abstracts should be submitted using the **“Online Submission”** section of the **wcce10 website** from **October 2016** onwards



VERY IMPORTANT NOTE:

Please take note that it's **absolutely necessary** to make the **Pre-registration** in order to **obtain the “password” and “user”** before to submit your abstract.

Please **be sure to preregister in the wcce10 congress website** before you submit your abstract online **in the registration and abstracts sections**; <http://wcce10.org>

Important dates

ABSTRACT SUBMISSION

- Deadline for abstract submission: **30th January, 2017**
- Evaluation period: **March - May, 2017**
- Author notification (abstract acceptance): **30th May 2017**

PROGRAM

- Preliminary Program (online): **30th June, 2017**
- Final Programme (online): **1st September, 2017**

REGISTRATION

- Early Bird Registration deadline: **30th June, 2017**
- Regular Registration deadline: **1st September, 2017**
- Late Registration deadline: **20th September, 2017**

ACCOMMODATION

- Deadline accommodation: **September 1st, 2017**

WCCE10+ECCE11+ECAB4 Congress:

- **1st - 5th October, 2017**

Contacts

<http://wcce10.org/>

ABSTRACT SUBMISSION

Scientific Secretariat: scientificsecretariat@wcce10.org

Online abstract submission: abstractsubmission@wcce10.org

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