

## SUBMISSION OF ABSTRACT

Authors wishing to present a contribution are invited to submit an abstract (2 A4 pages maximum length) via file upload on the internet at

<http://web.ua.es/es/equifase2015>

**Deadline for abstract submission:  
December 20, 2014**

Authors of accepted abstracts will be invited to prepare full papers to be published after peer-reviewed in a *Special Issue EQUIFASE 2015 of Fluid Phase Equilibria*.

## SOCIAL PROGRAM

The social program will provide participants with an opportunity to relax after meetings and to network with friends and acquaintances.

- **Welcome Cocktail Reception** (June 28, 2015)
- **Gala Dinner** (June 29, 2015)
- **Fireworks from Santa Bárbara Castle** (June 29, 2015, at night)

A social program will be offered for accompanying persons during the working sessions of the congress.



## VENUE

### Meliá Hotel, Alicante (SPAIN)

EQUIFASE 2015 is to be held at the Meliá Hotel, one of the city's most symbolic hotels. It is located between Postiguat Beach and Alicante marina, in the historic and commercial center of the city.

Plaza del Puerto, 3. Alicante 03001 (Spain)  
Tel: (34) 965 205000  
melia.alicante@melia.com



## CONTACT INFORMATION

LOCAL ORGANIZING COMMITTEE  
Chemical Engineering Department  
University of Alicante (Spain)  
Scientific Secretariat  
e-mail: [equifase2015@ua.es](mailto:equifase2015@ua.es)  
Internet: <http://web.ua.es/es/equifase2015>

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## SPONSORS

**SITEC**  
High-Pressure Technology

Many options are available for sponsorship and exhibition in the web page of the conference.

EQUIFASE 2015

**EQUIFASE**  
SPAIN 2015  
Alicante June 28-July 1

## X Iberoamerican Conference on Phase Equilibria and Fluid Properties for Process Design *June 28-July 1* *Alicante (SPAIN)*

The general purpose of the EQUIFASE Conference is to promote the Scientific and Technologic exchange between people from both the academic and the industrial environment in the field of Phase Equilibria and Thermodynamic Properties for the Design of Chemical Processes.

Chairmen:  
Antonio Marcilla  
Vicente Gomis

*Chemical Engineering Department*

 **Universitat d'Alacant**  
**Universidad de Alicante**



## TOPICS

- Measurement of Thermodynamic Properties. Phase Equilibria and Chemical Equilibria.
- Theory and Modelling: Statistical Thermodynamic, Equations of State, Activity Coefficient Models, Molecular Simulation and Multiscale Simulation.
- Alternative Solvents. Supercritical Fluids. Ionic Liquids.
- Energy. Gas and oil. Petrochemicals. Environment and sustainability.
- Biomolecules and Biotechnology.
- Product and Process Design. Databases and Software.
- Education

## LOCAL ORGANIZING COMMITTEE

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#### Chairmen:

Antonio Marcilla  
Vicente Gomis

#### Vocals:

María del Mar Olaya  
Juan A. Reyes-Labarta  
Juan Carlos Asensi  
María Dolores Saquete  
Alicia Font  
José Antonio Caballero  
Nuria Boluda  
Ángeles Domínguez  
Enrique Martínez de La Ossa  
Juan Bautista Montón  
Juan Ortega  
Ana Soto

## INTERNATIONAL SCIENTIFIC COMMITTEE

Alberto Arce (*Spain*)  
Gustavo Bolaños (*Colombia*)  
Susana Bottini (*Argentina*)  
Joan Brennecke (*USA*)  
Marcelo Castier (*Qatar*)  
Theo W. de Loos (*Netherlands*)  
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Silvana Mattedi (*Brasil*)  
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John P. O'Connell (*USA*)  
Claudio Olivera-Fuente (*Venezuela*)  
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Cornelis (Cor) Peters (*United Arab Emirates*)  
Giulio C. Sarti (*Italy*)  
Hugo Segura (*Chile*)  
Roumiana Stateva (*Bulgaria*)  
Frederico W. Tavares (*Brazil*)  
Arturo Trejo (*México*)  
Lourdes Vega (*Spain*)  
Juan H. Vera (*Canada*)  
Jaime Wisniak (*Israel*)  
Marcelo Zabaloy (*Argentina*)

## ROUND TABLE

*“Fluid Properties, Phase Equilibria  
and Thermodynamics in the Industry:  
Current and future challenges”*

## INVITED SPEAKERS

Prominent and internationally renowned speakers will provide their latest insights on the following relevant themes:

- **Joan Brennecke**  
University of Notre-Dame, USA.  
*Ionic Liquids.*
- **Rafiqul Gani**  
Technical University of Denmark, Denmark.  
*Property model-data based chemical product-process design.*
- **Gerd Maurer**  
University of Kaiserslautern, Germany.  
*Gas solubility in mixed solvents.*
- **Carlos Vega de las Heras**  
Complutense University of Madrid, Spain.  
*Molecular Simulation.*
- **Marcelo Zabaloy**  
PLAPIQUI, Universidad Nacional del Sur, Argentina.  
*Supercritical Fluids.*

## ESTEBAN A. BRIGNOLE AWARD

In recognition of the unique combination of technical excellence with selfless service to promote progress, creation, and collaboration, proved by Dr. Esteban A. Brignole, the X EQUIFASE Organizing Committee has the great pleasure to promote the first edition of the *Esteban A. Brignole Award* with the aim of encouraging these qualities among the scientific community. The members of the International Scientific Committee will select the winner among the nominees.

Nomination form and instructions will be available at the web page as appropriate

<http://web.ua.es/es/equifase2015>