

# ISEC2011

## XIX International Solvent Extraction Conference

## FIRST ANNOUNCEMENT AND CALL FOR PAPERS

17 → 21 OCTOBER 2011, Sheraton Santiago Hotel & Convention Center, Chile.

### PARTICIPANTS

The Organising Committee is pleased to invite, researchers, consultants, engineers and suppliers of equipment, services and technologies worldwide to participate in the XIX International Solvent Extraction Conference - ISEC 2011, to be held for the first time in South America in the event's 48 year history, in Santiago, Chile.

ISEC 2011 is organised to provide an international forum where professionals may analyse and discuss recent innovations and developments related to solvent extraction operations and processes.

### FIELDS OF APPLICATION

The conference will address solvent extraction and stripping in the following industries and applications:

- Metallurgy, pharmaceuticals, food and beverage, chemicals and petrochemicals, nuclear energy, catalysis, polymers and materials, biotechnology and synthesis of natural products.
- Environment in solvent extraction, water and solvent recoveries, industrial effluent treatments, and recovery and recycling of reagents and extractants.

### ABSTRACT SUBMISSION

Professionals interested in presenting at the Conference are invited to submit a 300-word abstract of their paper in English by **5 April 2010** to [isec@isec2011.com](mailto:isec@isec2011.com). The abstract must be in MS Word format and include a title of maximum 100 characters (including spaces), author's full name, position, company, business address, city, country, telephones (office and cell) and e-mail. If accepted, a full article in English, up to 6 pages long, will be required by 3 August 2010.

### DEADLINES

ABSTRACT SUBMISSION	<b>5 APRIL 2010</b>
NOTIFICATION TO AUTHORS	<b>5 MAY 2010</b>
FULL PAPER SUBMISSION	<b>3 AUGUST 2010</b>
COMMENTS TO AUTHORS	<b>1 NOVEMBER 2010</b>
FINAL PAPER SUBMISSION	<b>17 JANUARY 2011</b>
EARLY BIRD REGISTRATION	<b>17 JULY 2011</b>

### AREAS OF INTEREST

ISEC 2011 will focus on innovations and developments in solvent extraction, research, operations and processing related to the following areas:

- Treatment of Dissolved Metals in Liquid Solutions  
Separation, concentration and purification.
- Solvent Extraction Processes  
Interfacial and coalescence phenomena, emulsions, cruds, impurities entrainment, thermodynamics, kinetics and transport phenomena involved in solvent extraction processes.
- Analytical Techniques and Methods  
Solute speciation and solution chemistry, chromatography, extractive separators, membrane electrodes, sampling, instrumentation, analysis and on-line monitoring.
- Research and Development  
Novel extractants, diluents and modifiers, ionic liquids, supercritical extraction, aqueous biphasic systems, micellar systems, liquid membranes, membranes, solvent-impregnated resins, solid-phase extractants and hollow fibers.
- Process Chemistry and Engineering  
Equipment, industrial plants, economics, flow sheet configurations, instrumentation, automation, modeling, optimisation and automatic control.

### EXECUTIVE COMMITTEE REPRESENTATIVES

**Dr. Jorge Menacho**  
ISEC 2011  
CHAIRMAN  
De Re Metallica, Chile

**Carlos Barahona**  
ISEC 2011  
EXECUTIVE DIRECTOR  
Gecamin, Chile

### ENQUIRIES

**Mallory Dutton**  
ISEC 2011  
EVENT COORDINATOR

Tel: (56-2) 652 1543  
Fax (56-2) 652 1570  
E-mail: [isec@isec2011.com](mailto:isec@isec2011.com)  
**www.isec2011.com**

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