



## **First Announcement**

# **IV Brazilian International Congress on Chemical Measurement Traceability and Quality Assurance – IV METROCHEM** **July 16<sup>th</sup> – 20<sup>th</sup> 2007**

### **Promoted by**

- Brazilian Program on Metrology in Chemistry – Project - 2<sup>nd</sup> Phase (National Council of Science and Technological Development – Ministry of Science and Technology)
- Co-Operation on International Traceability in Analytical Chemistry - CITAC



### **Supported by**



### **Place: São Paulo**

São Paulo doesn't deny its work mania and business vocation. It was the efforts of its citizens that made São Paulo the economically most important State of Latin America. But São Paulo isn't all about work. Besides thousands of cultural attractions, you'll find excellent restaurants, shopping centers, shows, exhibitions, bars and one of the best nightlife in the world.

This capital has received along the centuries immigrants from all over the world that have contributed to its development and liveliness. There are some neighborhoods that leaves no-doubts about the city multi-cultural face, like "Bela Vista" (Italian neighborhood), "Liberdade" (Japanese neighborhood), "25 de março" (Arab neighborhood) and "José Paulino" (Israeli neighborhood). The city itself has 11 million inhabitants and the great metropolitan area has around 20 million people, representing 9% of the Brazilian Gross Domestic Product.

### **Objectives**

This congress will provide a forum for information exchange among leaders in the international community on various topics regarding the need for and implementation of metrologically-sound traceability for chemical measurements.



Presentations and discussions will focus on metrological concepts and tools to improve accuracy and quality of measurement results. In addition there will be discussions on models and infrastructures for disseminating traceability to working laboratories, and case studies documenting the role and impact of quality-assured chemical measurement results on innovation, trade and enhanced quality of life.

This Congress is being promoted also by CITAC and the presence of CITAC members will certainly contribute in a significant way for fruitful discussions on these subjects.

### **Who should attend**

Researchers and practitioners from the International and Brazilian communities interested in theoretical and practical applications of metrology in chemistry including, but not limited to those from:

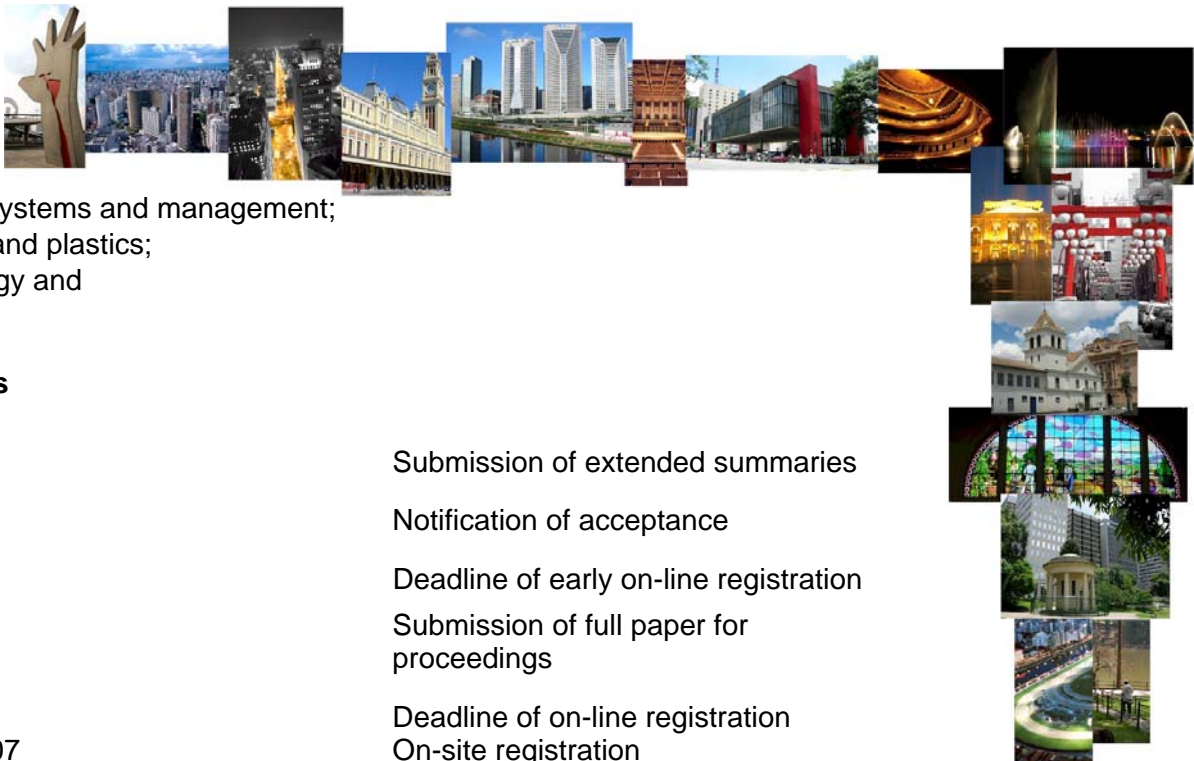
- Testing and calibration laboratories;
- Industrial laboratories;
- Research centers and technological institutes and
- Universities.

### **Program topics**

- Importance and Concepts of Chemical Metrology;
- Validation of Measurements Procedures;
- Metrological Traceability;
- Uncertainty of Measurements Results;
- Calibration;
- Accreditation;
- Quality testing;
- Training;
- Use of Reference Materials;
- Inter-Laboratory Comparisons and
- Laboratory Accreditation and Certification

Applied to the following technical areas:

- Agriculture;
- Biofuels;
- Chemistry;
- Clinical analysis;
- Electrical;
- Environmental analysis;
- Exports and Imports;
- Food;
- Forensics;
- Mechanical;
- Metallurgy;
- Minerals and Geology;
- Petroleum;



- Quality systems and management;
- Rubber and plastics;
- Toxicology and
- Others.

### Important dates

April 15 2007	Submission of extended summaries
May 04 2007	Notification of acceptance
May 15 2007	Deadline of early on-line registration
June 15 2007	Submission of full paper for proceedings
July 1 2007	Deadline of on-line registration
July 16 – 19 2007	On-site registration
July 16 - 20 2007	Congress

### Contact

If you wish to join our team of Supporters, please contact us!

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International Affairs – IPT  
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Chair – CITAC

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