



## **22 CHEMISTRY CONFERENCE**

**“70 years of History in Chemistry”**

### **Second Announcement**

The “Universidad de Oriente” call to our traditional Chemistry Conference, from November 29 to December 1<sup>st</sup> 2017 that will be held in Santiago de Cuba, sponsored by the Cuban Chemistry Society.

In 1964, the “Universidad de Oriente” organized the first Conference, the most ancient Cuban scientific meeting in Chemistry. It is our pleasure to invite you to participate in this edition, in one of the friendliest and warmest city of the country: Santiago de Cuba.

We will broach Chemistry and related sciences through plenary lectures and different topics on sessions, also oral presentations and posters. In this event traditional workshops will carry out, but as a new aspect agrochemistry and biological treatment of crops.

This edition will be dedicated to the 70 Anniversary of the “Universidad de Oriente”. Will be great to have your presence and give you a nice and warm welcome in our city.

Dr. Martha del Carmen Mesa Valenciano.  
Rector Universidad de Oriente.  
President Organizer Committee

## **ORGANIZER COMMITTEE**

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Executive Secretary	Dr. América García López

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Dr. Yudith González Díaz, [yudith@uo.edu.cu](mailto:yudith@uo.edu.cu)

### Web sites:

<http://www.convenciones.uo.edu.cu/index.php/22CQ/22CQ2017>

<http://ciq.eventos.uo.edu.cu>

### Contact:

[ciq@uo.edu.cu](mailto:ciq@uo.edu.cu)



## **TOPICS**

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### **ORGANIC AND MEDICAL CHEMISTRY**

Organic Synthesis. Pharmaceutical Chemistry. Isolation and characterization of Natural Products. Characterization of total or partial extracts of natural products. Biological and/or toxicological activity of organic products. Organic Nano-synthesis.

### **PHYSICAL AND COMPUTATIONAL CHEMISTRY**

Applications of Informatics to Chemistry and Biology. QSAR and QSPR Studies. Docking. Thermodynamics. Kinetics. Electrochemistry. Polymers and biopolymers. Spectroscopic methods.

### **ENVIRONMENTAL AND ANALYTICAL CHEMISTRY, AND QUALITY ASSURANCE.**

Development and/or validation of analytical methods and techniques. Automation in Analytical Chemistry. Metrological characteristics of analytical techniques. Traces analysis. Development and control of quality management systems in the chemical laboratories. Accrediting of analytical laboratories. Characterization, improvement and treatment of waste. Evaluation and control of environment qualities in water, air and soil. Evaluation of environmental impacts.

### **INORGANIC, MATERIALS AND GREEN CHEMISTRY**

Inorganic synthesis and characterization. Metallurgic chemistry. Crystallochemistry. Bio-inorganic and Organometallic Chemistry. Green Chemistry. Chemical reactions of low environmental impact and high atom economy. Improving of renewable raw materials in synthetic process. Enantioselective catalysis. Supramolecular chemistry. Biomimetics and Ion-Molecular Recognition. Nanoparticles. Glasses and amorphous solids. Cements and minerals. Thermodynamics and kinetics in solid state. Material and its applications. Structural characterization studies and property analysis. Nanochemistry. Ceramics and composites.

## **BIOTECHNOLOGY**

Enzyme Technology and development of biosensors. Applied genomics and protein engineering. Obtaining metabolites of interest for nutrition and health. Production of biofuels. Development of vaccine candidates, immuno-markers, antibodies and pharmaceutical adjuvants.

## **CHEMICAL SCIENCES TEACHING AND HISTORY**

Didactics. Methodologies in chemical sciences teaching. TIC's in chemical sciences teaching. Curricular Design. History of Chemistry.

## **AGROCHEMISTRY**

Chemical and biological products in agriculture. Fertilizers and bio-fertilizers. Chemical and biological control of pests and illnesses in agriculture. Soil Chemistry.

## **CHEMICAL ENGINEERING**

Chemical reactions engineering, catalysis and kinetics. Biotechnological processes engineering. Flow fluids and multiphase systems. Technology of Processes. Food Technology and Food Processing. Separation processes. Analysis and design of chemical processes under uncertainty. Development and Integration of Processes. Biofuel production. Pre-formulation and stability studies of pharmaceutical forms. Statistical quality control. Clean Technologies.

## **ENVIRONMENTAL BIOTECHNOLOGY WORKSHOP**

## **WORKSHOP ON MICROSCALE CHEMISTRY**

## **WORKSHOP ON CHEMICAL EDUCATION**

## REGISTRATION FEES

CUC

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**Delegates:** 250.00

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**Students:** 150.00

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**Companion** 100.00

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The registration fees include:

- √ Welcome cocktail.
- √ Snack
- √ Final activity
- √ Materials of the event

## ABSTRACTS

Abstracts will be accepted in Spanish, English and Portuguese, typed in one-page type letter, Times New Roman 12, one space, justify and with no more than 400 words. It must include the following information: Title in capital fonts and centered, Authors, institution, e-mail of the main author, keywords. Objectives, Methods, Main Results and conclusions must be included. Abstracts in the established format will be issued in the Event Proceedings.

Send the abstract online by <http://www.convenciones.uo.edu.cu/index.php/22CQ/22CQ2017> or to the email [cig@uo.edu.cu](mailto:cig@uo.edu.cu)

## ARTICLES PUBLICATION

If you want to publish a full paper in the Cuban Journal of Chemistry (Revista Cubana de Química) or in Chemical Technology (Tecnología Química), both on SciELO database, you may send it for evaluation:

“Revista Cubana de Química”

<http://ojs.uo.edu.cu/index.php/cq> or send it to Dra. Magaly Casals Hung ([revcubanaquimica@uo.edu.cu](mailto:revcubanaquimica@uo.edu.cu)),

“Tecnología Química”

<http://ojs.uo.edu.cu/index.php/tq/index> or send it to Ing. Romelia Hing Cortón ([romelia@uo.edu.cu](mailto:romelia@uo.edu.cu)).

Note: papers out of the established regulations of the journals will be not accepted.

## IMPORTANT DATES

Deadline for abstracts in the established format and the registration form: September 15, 2017.

Notification: October 15, 2017

Registration of delegates: November 29, 2017

## HOTEL OPTIONS



The official receptive of the convention, Travel Agency Havanatur S.A, has prepared a tourist package specially designed for the participants.

### Prices per pax per night expressed in CUC:

Hotels in Santiago de Cuba	Sgl	Dbl
Hotel Libertad **	70.00 \$	62.00 \$
Hotel Rex ***	95.00 \$	75.00 \$
Hotel Las Américas ***	82.00 \$	72.00 \$
Hotel Meliá Santiago *****	270.00 \$	191.00 \$

Hotels in Havana	Sgl	Dbl
Hotel Paseo Habana***	78.00 \$	71.00 \$
Hotel Bella Habana***	78.00 \$	71.00 \$
Hotel Palco****	104.00 \$	90.00 \$
Hotel Vedado***	110.00 \$	81.00 \$

### Services included:

- Personalized assistance.
- Transfer airport / hotel / airport in both cities.
- Accommodation, for one night, at the selected hotel with breakfast included.
- Daily transfers to and from the Event Venue.

**Observations:** The Havana-Santiago Transfer and vice versa will be coordinated and quoted according to the client's specific request and is not included in the price of the accommodation package.

If you need more information, you may contact:

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 Representative: Grisel Blanco (mail: [gbpino@havanatur.cu](mailto:gbpino@havanatur.cu))

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