



Rio Symposium on Atomic Spectrometry

6 - 11 October 2019

Mendoza - Argentina

Hotel InterContinental Mendoza
Salón Cerros

Dears Directors, Distributors and Colleagues,

It is our honor and pleasure to invite you to attend the 15th Rio Symposium on Atomic Spectrometry to be held on October 6-11, 2019 at the Intercontinental Hotel in Mendoza, Argentina.

Once again we have the opportunity of joining together scientists, students and professionals from Latin America with distinguished researchers from different parts of the world to present and discuss our latest works in a very friendly environment. The Rio Symposium was founded in 1988 by Dr. Adilson Curtius and Dr. Bernhard Welz to have a special time for academicians, professionals, fellow researchers and postgraduate students to interact and share experience in all aspects of atomic spectrometry, finding together new pathways for scientific and professional collaboration.

This spirit, along with state-of-the-art scientific works presented in each past edition, has forged the reputation for the Rio Symposium as one of the most important events of the world and has become an irreplaceable activity in the calendar of scientists working on atomic spectrometry. The Rio Symposium is held every two years and regularly more than 300 participants come to discuss many topics as atomic absorption spectrometry, optical emission spectrometry, plasma mass spectrometry, LIBS, X-Ray fluorescence spectrometry, chemical vapor generation, speciation analysis, and sample preparation, among others.

Over the past three decades, the Rio Symposium was held with great success in several countries, including Brazil, Argentina, Chile, Venezuela and Mexico. Now is the time that we meet each other once again in one of the most beautiful places of Argentina.

The 15th Rio Symposium on Atomic Spectrometry will be held in Mendoza city. In the middle of the mountains, Mendoza is one of the great wine capitals of the world and a great place to explore high quality wines and food. Also, you will enjoy an amazing time in a sunny climate while discovering the Andes Mountains, drinking some of the best wines of the world, tasting our delicious food, and living memorable experiences that will make very special this edition of the Rio Symposium.

So, be welcomed to come to Mendoza and mark October 6-11, 2019 in your calendar to join us at the 15th Rio Symposium on Atomic Spectrometry!

We are sure this symposium will meet your expectations and you will have a great opportunity for discussion of your achievements, evaluation of ongoing projects and the

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exchange of views on novel initiatives. We also assure you all a memorable touristic experience and friendly social events so you will return home with the feeling that your visit was not only productive and worthwhile but enjoyable.

The web site (www.15riosymposium.com) will be periodically updated till the opening of the Rio Symposium on October 6, 2019. Please check the web site regularly for the latest information.

Finally, the 15th Rio Symposium on Atomic Spectrometry would not be possible without the help of you all, and the members of the Organizing and Scientific Committees, to whom we express our deeply gratitude. We would also like to thank all sponsors and institutions that will support us during all the steps of the organization.

With kind regards,

Dr. Rodolfo Wuilloud (Chairman)
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ORGANIZING COMMITTEE

Wuilloud, Rodolfo (Mendoza, Argentina)

Chairman

Smichowski, Patricia (Buenos Aires, Argentina)

Co-chairman

LOCAL ORGANIZING COMMITTEE

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Escudero, Leticia (Mendoza, Argentina)

Fiorentini, Emiliano (Mendoza, Argentina)

Llaver, Mauricio (Mendoza, Argentina)

Canizo, Brenda (Mendoza, Argentina)

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Cruz Sotolongo, Annaly (Mendoza, Argentina)

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ABOUT THE SYMPOSIUM

The aim of the 15th Rio Symposium on Atomic Spectrometry is to bring together experts from universities, academia, official centers, laboratories and industry, to summarize the current progress in different areas of atomic spectrometry and the trends in the applications such as chemical, environmental, geological, biological, food, pharmaceutical and industrial materials and to stimulate contacts and mutual exchange of experiences and ideas.

The 15th Rio Symposium on Atomic Spectrometry is held every 2 years and is usually attended by more than 350 participants from 20 countries. It is developed in five days that include the following activities: opening ceremony and conference, invited plenary lectures given by researchers of international prestige, exhibition of novel works under the modality of oral presentations and posters.

It will be an event where companies can expose their products and technologies, and thus multiply their opportunities to generate new customers and businesses nationally and internationally, since the conferences will be featured by prestigious international guests and this will convoked participants from Latin America, North America and Europe.

Through this presentation, we invite you to become Sponsor of the most important exhibition of analytical instrumental techniques in Latin America for the last 30 years.

SCIENTIFIC TOPICS

- Atomic Absorption Spectrometry
- Electrothermal Atomization
- Atomic Fluorescence Spectrometry
- Chemical Vapor Generation
- Sample Preparation
- Plasma-based Techniques
- X-Ray Spectrometry
- Laser-Induced Breakdown Spectrometry
- Speciation Analysis
- Hyphenated Techniques
- Metallomics
- Computational Spectroscopy and Imaging Techniques
- Chemometrics in Spectrometry

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HISTORY

Since 1988, the Rio Symposium on Atomic Spectrometry (RS), named like this after the first meeting in Rio de Janeiro (Brazil) organized by Dr. Bernhard Welz and Dr. Adilson Curtius, has been held in several countries of South America.

Past editions of the Rio Symposium:

- 1st RS (1988). Rio de Janeiro, Brazil.

Main organizers: Prof. Dr. B. Welz and Prof. Dr. A. Curtius

- 2nd RS (1992). Rio de Janeiro/Buzios, Brazil.

Main organizers: Prof. Dr. R.C.C. Fields

- 3rd RS (1994). Caracas/Isla Margarita, Venezuela.

Main organizers: Prof. Dr. J. Alvarado

- 4th RS (1996). Buenos Aires/Iguazú, Argentina.

Main organizers: Prof. Dr. D. Batistoni and Prof. Dr. O. Troccoli

- 5th RS (1998). Cancún, Mexico.

Main organizers: Prof. Dr. Liliana Saldivar

- 6th RS (2000). Concepción/Pucón, Chile.

Main organizers: Prof. Dr. B. Welz and Prof. Dr. C. Bruhn

- 7th RS (2002). Florianópolis, Brazil.

Main organizers: Prof. Dr. B. Welz and Prof. Dr. A. Curtius

- 8th RS (2004). Paraty, Brazil.

Main organizers: Prof. Dr. R.C.C. Fields

- 9th RS (2006). Barquisimeto, Venezuela.

Main organizers: Prof. Dr. M. Colina

- 10th RS (2008). Salvador, Brazil.

Main organizers: Prof. Dr. S. Ferreyra.

- 11th RS (2010). Mar del Plata, Argentina.

Main organizers: Dr. P. Smichowski and Dr. M. Tudino.

- 12th RS (2012). Foz do Iguazú, Brazil.

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Main organizers: Prof. Dr. F. Krug.

- 13th RS (2015). Merida, Mexico.

Main organizers: Prof. Dr. L. Saldívar.

- 14th RS (2017). Vitória, Brazil.

Main organizers: Prof. Dr. M. Weitzel Dias Carneiro.

CONFIRMED SPEAKERS

Experts from all around the world working on different fields of atomic spectrometry have already confirmed their participation as speakers of the 15th Rio Symposium on Atomic Spectrometry.



**Prof. Dr. Gary M.
Hieftje**
Department of Chemistry
Indiana University
USA



Prof. Dr. Zoltán Mester
President of the Analytical
Chemistry Division of IUPAC
Canada



**Prof. Dr. Miguel de la
Guardia**
University of Valencia
Spain



Prof. Dr. Ewa Bulska
Faculty of Chemistry,
University of Warsaw,
Poland



**Prof. Dr. Marco Aurélio
Zezzi Arruda**
Director of the Institute of
Chemistry
University of Campinas
Brazil



Prof. Dr. Javier Laserna
University of Málaga
Spain



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Prof. Dr. Frank

Vanhaecke

Ghent University

Belgium



Prof. Dr. Jiří Dědina

Institute of Analytical
Chemistry - Czech
Academy of Sciences
Charles University (Prague)
Czech Republic



Prof. Dr. Maria Goreti R.

Vale

Federal University of Rio
Grande do Sul
Brazil



Dr. Heidi Goenaga-

Infante

Principal Scientist
Inorganic Analysis
Science and Innovation
Division at LGC.
England



Prof. Dr. Alessandro

D'Ulivo

Italian National
Research Council
University of Pisa
Italy



Prof. Dr. Joerg Feldmann

University of Aberdeen
Scotland



Prof. Dr. Érico M. M.

Flores

Federal University of Santa
Maria
Brazil



Prof. Dr. Dirk

Schaumloffel

French National Center for
Scientific Research (CNRS)
France



Prof. Dr. Pilar Bermejo-

Barrera

University of Santiago de
Compostela
Spain

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Prof. Dr. Sofia Pessanha
New University of Lisbon
Portugal



**Prof. Dr. Viktor G.
Mihucz**
Eötvös Loránd University
Hungary



Prof. Dr. Pablo Pacheco
Universidad Nacional de
San Luis
Argentina



**Prof. Dr. Márcia Foster
Mesko**
Universidade Federal de
Pelotas
Brazil



Prof. Dr. Waldo Quiroz
Pontifical Catholic
University of Valparaíso
Chile



Prof. Dr. Mariela Pistón
Universidad de la
República
Uruguay

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