

## FEATURE

# The 21<sup>st</sup> ENQA and 9<sup>th</sup> CIAQA had the theme “Analytical Chemistry and its Contributions to the Development of a Sustainable and Inclusive Society”

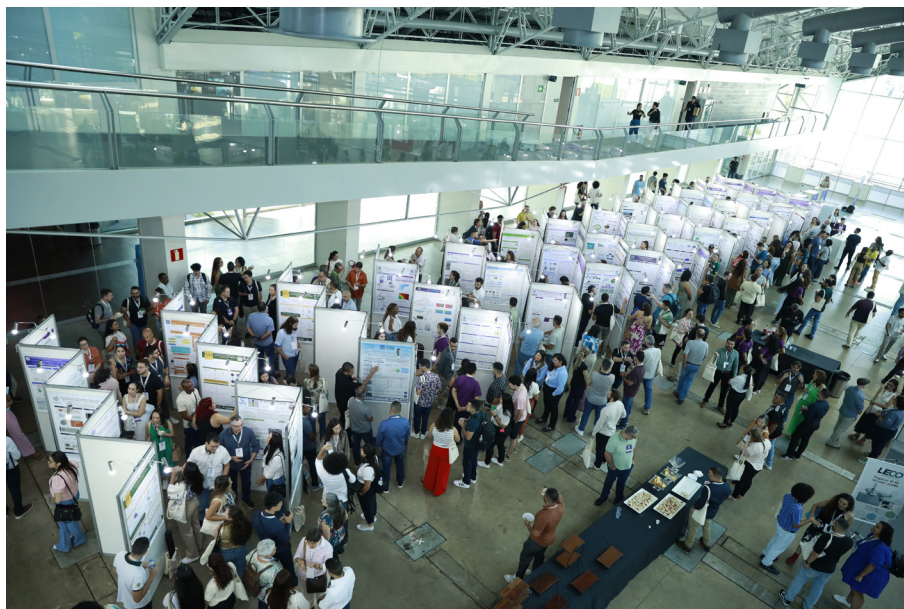
The 21<sup>st</sup> National Meeting of Analytical Chemistry (ENQA) and the 9<sup>th</sup> Ibero-American Congress of Analytical Chemistry (CIAQA) were held from September 15 to 18, 2024, at the “Hangar Centro de Convenções e Feiras da Amazônia,” in Belém, Pará, Brazil.



Entrance to the “Hangar Centro de Convenções e Feiras da Amazônia,” in Belém, Pará, Brazil. Photo: ENQA 2024

This was the first edition of ENQA held in the North Region of Brazil. “The 21<sup>st</sup> ENQA and 9<sup>th</sup> CIAQA was an important forum held in the northern region of the country after 20 editions, bringing together researchers, students and professionals from all over the country and abroad for reflection, discussion, exchange of knowledge, ideas and opportunities for collaboration, as well as direct interaction between participants and companies allied to the research sector,” said Prof. Dr. Kelly Dantas, from the Federal University of Pará (UFPA, Brazil) and General Coordinator of the 21<sup>st</sup> ENQA.

The 21<sup>st</sup> ENQA and the 9<sup>th</sup> CIAQA were attended by 867 participants: 850 Brazilians and 17 foreigners. The Southeast region of Brazil had the highest number of participants (369), followed by the Northeast (174), North (141), South (106) and Midwest (60) Regions. The foreign countries represented at this edition were Portugal (1), Peru (2), Chile (3), Spain (3), Slovakia (2), Germany (2), Colombia (2), the United States (1), and Mexico (1).



Three poster sessions were held, with a total of 536 studies presented. Photo: ENQA 2024

During this edition of the event, 6 workshops were held with a total of 357 attendees. The three workshops with the highest number of registrations were “Recent advances in sample preparation” (100), “Analytical chemistry in Brazil: The role of young researchers” (80), and “Bioaccessibility and bioavailability of inorganic constituents and bioactive compounds in food” (79). Three poster sessions were held with a total of 536 studies presented, 28 of which were awarded prizes.



Prof. Dr. Maria Fernanda Pimentel, from the Federal University of Pernambuco (UFPE, Brazil), presenting the opening lecture. Photo: ENQA 2024

Prof. Dr. Maria Fernanda Pimentel, from the Federal University of Pernambuco (UFPE, Brazil), gave the opening lecture, which was titled “Contributions of analytical chemistry to a sustainable future: Reflections, opportunities and challenges.”

In addition to Brazilian researchers, this edition was attended by foreign researchers who were participating in the event for the first time, including Prof. Dr. Charles Henry (Colorado State University, USA), Prof. Dr. Frank-Michael Matysik (University of Regensburg, Germany), Prof. Dr. Jörg Bettmer (Universidad de Oviedo, Spain), Prof. Dr. Ivan Špánik (Slovak University of Technology, Slovakia), Prof. Dr. Maria Luisa Fernandez Sanchez (Universidad de Oviedo, Spain), Prof. Dr. Maria Montes-Bayón (Universidad de Oviedo, Spain), and Prof. Dr. Ricardo Antonio Torres Palma (Universidad de Antioquía, Medellín, Colombia).

ENQA is an itinerant event organized by the Analytical Chemistry Division of the Brazilian Chemical Society (SBQ), which has a history of more than 40 years. The first edition took place in the early 1980s. It is the largest and most important scientific event in analytical chemistry in Brazil, and one of the most important chemistry events in Latin America.

### **“Women in analytical chemistry: What is changing?”**

One of the highlights of the program was the panel “Women in analytical chemistry: What is changing?,” which was coordinated by Prof. Márcia Foster Mesko, from the Federal University of Pelotas (UFPeL, RS, Brazil).



The panel “Women in analytical chemistry: What is changing?” Photo: ENQA 2024

The panel included Prof. Dr. Maria das Graças Korn, from the Federal University of Bahia (UFBA, Brazil); Prof. Dr. Claudete Fernandes Pereira, from the Federal University of Pernambuco (UFPE, Brazil); Prof. Dr. Daiane Dias, from the Federal University of Rio Grande (FURG, Brazil); and researcher Nádia Elígia Nunes Pinto Paracampo, from Embrapa Amazônia Oriental. The speakers discussed the figures that demarcate the persistent gender gap in the distribution of management positions and in senior research careers in Brazilian universities and institutions. “This was an edition with a greater participation of women (53%) and which also featured a scientific program with a greater number of female speakers than in previous editions,” said Prof. Dr. Kelly Dantas.



## Honors and Awards

During the event, the *Brazilian Journal of Analytical Chemistry* (BrJAC) awarded the “Young Talent in Analytical Chemistry” award, which was created to recognize young outstanding researchers in analytical chemistry and bioanalytics.



Prof. Dr William Reis de Araújo receives the BrJAC “Young Talent in Analytical Chemistry” award.

This year’s winner was Prof. Dr. William Reis de Araújo, from the University of Campinas (Unicamp, SP, Brazil). William Reis de Araujo received a B.Sc. in Science & Technology and in Chemistry from the Federal University of ABC (UFABC, SP, Brazil) in 2011. He concluded his Ph.D. (2016) at the University of São Paulo (USP, SP, Brazil) with a short-term internship (2014) at the University of California San Diego (UCSD, USA). He performed 2 years of postdoctoral research at USP. Currently, he is an Assistant Professor at the Institute of Chemistry of Unicamp, where he coordinates the Portable Chemical Sensors Lab. His scientific interests are concentrated in the areas of sensors and biosensors, functional nanomaterials, fundamental and applied electrochemistry, digital colorimetry, wearable chemical sensors, diagnostics, paper-based analytical devices, and forensic methods.



Prof. Dr. William Reis de Araújo holding his Young Talent in Analytical Chemistry award. Photo: ENQA 2024

There were also other honors, such as the **José Curtis Medal**, which was awarded to Prof. Dr. Érico Marlon de Moraes Flores, from the Federal University of Santa Maria (UFSM, RS, Brazil); the **Eduardo Neves Medal**, awarded to Prof. Dr. Orlando Fatibello-Filho, from the Federal University of São Carlos (UFSC, SP, Brazil); and the **Janusz Paulisnyz Medal**, awarded to Prof. Dr. Eduardo Costa de Figueiredo, from the Federal University of Alfenas (UNIFAL, MG, Brazil).

### Interaction between academia and industry

ENQA promoted the direct interaction of participants with companies involved in research, development, and quality control in analytical chemistry. The participating companies included: LECO, Nova Analítica, Anton Paar, Metrohm, dpUNION, Agilent, pensalab, PerkinElmer, Allcrom, NEON, Analytik Jena, and ASTRO34.



Stands of some of the companies present at 21<sup>st</sup> ENQA and 9<sup>th</sup> CIAQA. Photo: ENQA 2024

Text written by Lilian Freitas, BrJAC Publisher  
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