

The 25th Annual Meeting of the Israel Analytical Chemistry Society and ISRANALYTICA

ISRANALYTICA 2024 will be held 16-17 January 2024, in Tel Aviv, Israel

The Israel Analytical Chemistry Society (IACS) was established in 1998 with the goal of promoting analytical chemistry in Israel, in both research and education. The Society believes that working towards this goal will bring additional people to the field of analytical chemistry and widen its popularity. The Society is also working towards close contact with leading analytical companies active in Israel, ensuring the connection between the academy and the industry in the field, and allowing the free flow of information between them.

IACS Annual Meetings are organized at the ISRANALYTICA Conference and Exhibition, arranged by the Bioforum company www.bioforum.org.il. Israel Schechter, current IACS President, wrote in his welcome letter, inviting participation in ISRANALYTICA 2024, that the ISRANALYTICA conference accompanied by the large exhibition has become the most prestigious analytical chemistry meeting in Israel. Traditionally, this meeting attracts more than 3000 participants from the academy, the chemical industry, laboratories, and companies. The conference has been recognized as an international event, attracting analytical chemists from all over the world.

Six biannual IUPAC/CITAC Workshops on metrology, quality, and conformity assessment in analytical chemistry were organized in conjunction with the ISRANALYTICA events:

- Human Errors and Out-of-Specification Test Results (2013);
- Human Errors and Quality of Chemical Analytical Results (2015);
- Validation of Test Methods, Human Errors and Measurement Uncertainty of Results (2017);
- Quality of Test Results for Conformity Assessment of a Chemical Composition – What is Good and What is Bad? (2019);
- Metrology, Quality and Chemometrics—Correlation of Test Results and Mass Balance Influence on Conformity Assessment (Zoom webinar 2021); and
- Metrology, Quality and Conformity Assessment (2023).

These workshops discussed the IUPAC/CITAC Guides in the field of metrology in chemistry at different stages of their development and use, published in *Pure and Applied Chemistry* (PAC), open access:

- Kuselman, I. and Fajgelj A. IUPAC/CITAC Guide: Selection and use of proficiency testing schemes for a limited number of participants—chemical analytical laboratories (IUPAC Technical Report) *PAC* **82/5**:1099-1135 (2010), <https://doi.org/10.1351/PAC-REP-09-08-15>;
- Kuselman, I., Penneccchi, F., Burns, C., Fajgelj, A. and de Zorzi, P. IUPAC/CITAC Guide: Investigating out-of-specification test results of chemical composition based on metrological concepts (IUPAC Technical Report) *PAC* **84/9**:1939-1971 (2012), <https://doi.org/10.1351/PAC-REP-11-10-04>;
- Kuselman, I., Penneccchi, F. IUPAC/CITAC Guide: Classification, modelling and quantification of human errors in a chemical analytical laboratory (IUPAC Technical Report) *PAC* **88/5**:477-515 (2016), <https://doi.org/10.1515/pac-2015-1101>;
- Kuselman I., Penneccchi F.R., da Silva R.J.N.B., Hibbert D.B. IUPAC/CITAC Guide: Evaluation of risks of false decisions in conformity assessment of a multicomponent material or object due to measurement uncertainty (IUPAC Technical Report) *PAC* **93/1**:113-154 (2021), <https://doi.org/10.1515/pac-2019-0906>;
- -Penneccchi F.R., Kuselman I., Hibbert D.B. IUPAC/CITAC Guide: Evaluation of risks of false decisions in conformity assessment of a substance or material with a mass balance constraint (IUPAC Technical Report) *PAC* in press (2023), <https://doi.org/10.1515/pac-2022-0801>

The scientific program of ISRANALYTICA 2024 will cover a large variety of modern topics in analytical chemistry. Leading researchers from the academy, from the industry and from government agencies will present their recent achievements and will discuss the most exciting developments and innovations. The program will consist of several plenary lectures by international top scientists, oral presentations (in parallel sessions) featuring speakers from Israel and abroad and a large poster session. The exhibition will take place in a central location.

In addition, the ISRANALYTICA is a pleasant social event, allowing for meetings with old friends and colleagues and making new acquaintanceships. Looking forward to seeing you at the 25th Annual Meeting of the Israel Analytical Chemistry Society, ISRANALYTICA 2024 Conference and Exhibition. More details about important dates, topics, accommodation, contacts, etc., are on the website, <https://2024.isranalytica.com/>.