

Macro and Supramolecular Architectures and Materials

23-27 November 2014

Johannesburg, South Africa

From Innovation to Commercialisation will be this year's theme of the International Symposium on Macro and Supramolecular Architectures and Materials (MAM-14), 23-27 November 2014, in Emperors Palace Hotel Casino, Convention and Entertainment Resort, Johannesburg, South Africa. The symposium provides an opportunity for scientists and engineers to showcase their research on an international platform. It also provides a venue for entrepreneurs and venture capitalists to discuss collaborative research and business developments. A panel of international experts will discuss and address possible avenues to bridge the gap between research and development. Conference attendees will receive a copy of the proceedings that contains all accepted papers.



This symposium will include emerging research related to nanotechnology, electrochemistry, nanobiotechnology, materials chemistry, material fictionalization and other interesting topics. It will also address venture investments, which take results from laboratory to product.

Themes include:

- Industrialization of nanotechnology
- Nanotechnology education
- Nanobiotechnology and biomedicine
- Modeling and electronics
- Risk assessment and regulation
- Materials chemistry and analysis
- Design and development
- Material fictionalization
- Macro- and supramolecular architectures

The symposium comprises world-class plenary presentations, invited lectures from 30 different countries, panel discussions, oral and poster presentations, an insightful exhibition, and numerous other contributions. The scientific program will be published on the website.

Abstracts for both oral and poster presentations will be considered. Abstract submissions and guidelines will be obtained from the website.

See **Mark Your Calendar** for contact information.

 www.mam-14.com

Analytical Chemistry

13-15 January 2015, Tel Aviv, Israel

ISRANALYTICA 2015 is planned 14-15 January 2015 at the David Intercontinental Hotel, Tel-Aviv, Israel. In conjunction with that major annual event, a **Workshop on Human Errors and Quality of Chemical Analytical Results** will take place on 13 January 2015 at the adjacent Dan Panorama Hotel.

A similar workshop on human errors was organized successfully in 2013, a report was published in the May-June 2013 *C/* issue and available at http://www.iupac.org/publications/ci/2013/3503/cc2_290113.html

The idea of the current workshop is that the quality management system approach, applied for chemical analytical (testing) laboratories, provides continual improvement of a laboratory quality system. One of the improvement directions is prevention of human errors. However, human activity is never free from errors: they are root causes of the majority of incidents and accidents. In analytical chemistry human errors may lead to atypical test results of questionable reliability. There are, for example, out-of-specification test results that fall outside the established specifications in the pharmaceutical industry, or do not comply with regulatory, legislation or specification limits in other industries and fields such as environmental and food analysis. When an atypical test result is identified, it is important to determine the root causes of the event and to avoid recurrence of such results. Where no limits have yet been established (e.g., for an environmental object or a new material), human errors may lead to incorrect evaluation of the tested property. Thus, a study of human errors is necessary in any field of analytical chemistry. Any laboratory demonstrating competence in analytical chemistry and conformity assessment should also be able to develop relevant, human-error related, corrective, and preventive actions.

The workshop will be organized by the Israel Analytical Chemistry Society (IACS) in cooperation with IUPAC and the Cooperation on International Traceability in Analytical Chemistry (CITAC).

Abstracts of contributions, lectures, or posters (up to 300 words), and a short CV (up to 100 words) are welcome till 1 August 2014. Please send them to Dr. Ilya Kuselman (workshop chair), ilya.kuselman@gmail.com

See **Mark Your Calendar** for contact information.

 www.isranalytica.org.il