

Where 2B & Y

Water Quality

IUPAC Congress, Puerto Rico
30 July–7 August 2011

Without water, life on Earth would not be possible. Our earth is composed largely of water; however, only 0.06% is easily accessible. Here are some interesting facts highlighted by Dr. Sut Ahuja in the Global Water Sustainability Symposium at a recent American Chemical Society meeting in San Francisco.

- Over 40 countries in the world suffer from a water deficit.
- An estimated 1.2 billion people drink unclean water.
- The UN estimates that 2.7 billion people will face water shortages by 2025.
- Water-related diseases kill 5 million people, mostly children, annually.

For these reasons, one of the main themes of the International Year of Chemistry 2011 is “Chemistry

meets the global challenges of safe water.” In order to highlight chemistry’s role in water quality, a special symposium on the **Sustainability of Water Quality** is being organized at the IUPAC Congress in Puerto Rico, which will take place 30 July to 7 August 2011. The symposium will cover the following topics:

- global water-quality issues
- monitoring contaminants in water
- remediation of various contaminants

Notable speakers from various parts of the world are being invited to address these issues. Participation of younger researchers and students will be actively sought also. Financial support of USD 250 will be offered to each of eight younger scientists to encourage their participation. For further information, contact Sut Ahuja <Sutahuja@atmc.net>.

 www.iupac.org/web/act/San_Juan_2011-07-30aa

Frontiers of Polymers and Advanced Materials

22–27 May 2011
Pretoria, South Africa

ICFPAM, the **International Conference on Frontiers of Polymers and Advanced Materials** series, has a unique scope involving a blend of science, technology, and business. The conferences are truly multidisciplinary and global, with scientists, engineers, industrialists, and top-level business and management representatives participating and discussing the status of advanced materials, new technologies, and industrial and business opportunities. The 11th ICFPAM conference will include plenary talks, invited lectures, contributed talks, tutorials, and poster sessions as well as an industrial exhibition.

In support of the International Year of Chemistry 2011, the 11th ICFPAM conference theme is “Celebrate the Contribution of Chemistry as an Enabling Science for Polymers and Advanced Materials.” The event also

will incorporate Biomaterials Africa 2011. Conference topics include the following:

- Tutorial lectures: New Materials and Advanced Manufacturing Technologies
- Advanced Nanoscale and Nanostructured Materials
- Environmentally Friendly Materials: Natural Fiber Composites and Polymer Recycling
- Advanced Materials and Nanostructures in Electrochemistry: Energy Storage and Conversion, Electro Catalysis, and Electro Analysis
- Synthesis and Chemistry of Polymer Nanocomposites
- Laser Processing & Photonics: Advanced materials and composites for photonics
- Fluorochemical Materials, Engineering, and Technologies
- Biomaterials
- Carbon-Based Materials: Graphene, Carbon Nanotubes, Diamonds, and Graphite

See **Mark Your Calendar** on page 32 for contact information.

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