Guest editorial

4th International IUPAC Conference on Green Chemistry

The 4th International IUPAC Conference on Green Chemistry (4th ICGC) was held on August 25–29, 2012 in Foz do Iguaçu, Brazil, under the auspices of the IUPAC and the Brazilian Chemical Society (Sociedade Brasileira de Química). The 4th ICGC theme was “Exchanging experiences towards a sustainable society taking care of natural resources in their socio-economic development”.

With up to 600 participants from around 40 countries across the continents, the 4th ICGC brought together the ICGC series history, all areas of chemistry, their related fields and its various sectors, including as academia, industry, government and chemistry societies worldwide.

The 4th ICGC focused on broad topics such as benign synthesis/processes, green chemistry for energy/production, chemicals from renewable resources, green engineering, education in green chemistry, and engineering and policy. The program included 10 plenary lectures and 15 invited lectures.

Apart from the lectures, the 4th ICGC presented four short courses, 15 parallel sessions with four oral presentations each, four roundtables, and two poster sessions (with more than 350 works). Another aspect was the launch of Contribution from Brazilian Postgraduate Studies to Sustainable Development: CAPES at Rio +20, published by the Coordination for the Improvement of Higher Education Personnel (CAPES).

Several young scientists took part in the event and created an excellent atmosphere for scientific discussions of topics at the frontier of green chemistry. Besides the CHEMRAWN VII Prize for Atmospheric and Green Chemistry won by Rashmi Sanghi from the Indian Institute of Technology, four 4th ICGC posters were selected and their authors received awards. The 4th ICGC also enabled the Royal Society of Chemistry to appoint a poster award winner.

This special issue of Green Processing and Synthesis contains five contributions from participants of the 4th ICGC, which were selected from the submitted abstracts as oral presentations in one of the 15 parallel sections.

Additional information about the event can be found at www.ufscar.br/icgc4.

The next ICGC will take place in South Africa in 2014 and all are more than welcome to attend!

Best regards,
Arlene G. Corrêa and Vânia G. Zuin
4th ICGC Chair and General Secretary
agcorrea@ufscar.br and vaniaz@ufscar.br
Federal University of São Carlos, Brazil

From left to right: Sumbal Saba, Vânia Zuin, Arlene Corrêa and Rashmi Sanghi.