## Special Topic Articles Featuring the 2002 Winners of the IUPAC Prize for Young Chemists

*Pure and Applied Chemistry*,
Vol. 74, No. 11, pp. 2021–2181 (2002)

One of the innovations that came out of the project to define IUPAC's goals, and that has been reemphasized in the recent update of those goals, was to establish an IUPAC Prize for Young Chemists. This prize, which requires applicants to submit a précis of their Ph.D. thesis together with two supporting recommendations from senior chemists with whom they have worked, is judged by a panel of chemists from around the world. The panel is chaired by the incumbent past president of IUPAC.

The first recipients received their prizes at the IUPAC Congress in Brisbane (July 2001). Starting in 2002, winners have been invited to contribute short review articles to *Pure and Applied Chemistry* based upon their work. The November 2002 issue of *PAC* features a collection of invited, peer-reviewed articles by the following winners of the 2002 IUPAC Prize for Young Chemists:

- Jeroen J. L. M. Cornelissen, University of Nijmegen, The Netherlands (currently at IBM Almaden Research Center, San Jose, CA)
- Jinsang Kim, Massachusetts Institute of Technology, Boston, MA, USA (currently at the California Institute of Technology, Pasadena, CA)
- Stefan Lorkowski, University of Münster, Germany
- Simi Pushpan, Indian Institute of Technology, Kanpur, India

The prize has been developed further and at the 2003 Congress in Ottawa, not only will the prize winners be present (as part of their prize), but they will be exhibiting posters.

www.iupac.org/publications/pac/2002/7411

## Polymer Science Insights

Marco-Aurelio De Paoli (symposium ed.)
*Macromolecular Symposia*, Vol. 189, 2002
(ISBN 3-527-30479-7)

The "Congresso Brasileiro de Polímeros" (Brazilian Polymer Congress) is a biennial event that takes place at different locations in Brazil, near centers where groups active in polymer research exist. When it started, in 1991, the number of participants was small and most of them came from the universities and industries of the states of Sao Paulo and Rio de Janeiro. With time, the Brazilian community working on polymer research has expanded and other groups appeared, even in the most distant regions and states, from Rio Grande do Sul in the extreme south to Cear in the north. This not only increased the number of participants but also the quality of the research presented at the meetings. Nowadays this congress represents the most important meeting on polymer science in South America, involving participants from this continent as well as from other laboratories throughout the world. The support provided by IUPAC to the meeting held at Gramado, in November 2001, is an indication of the quality and acceptance of the meeting within the international community. This support includes the publication of a special issue of *Macromolecular Symposia* containing review articles written by the researchers who gave the plenary lectures.

www.iupac.org/publications/macro/2002/189_preface.html

## Encouraging Independent Chemistry Learning Through Multimedia Design Experiences

Olga Agapova, Loretta Jones, Alex Ushakov, Ann Ratcliffe, Mary Ann Varanka Martin
*Chemical Education International*, Vol. 3, AN-8,
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A new approach to teaching secondary school chemistry through design activities in a technology-based and inquiry-oriented learning environment was developed and tested with secondary school students in the United States. In this article, the materials and their effects on the interactions between teachers and students are described, along with the adjustments required as teachers become facilitators and students become independent learners.

www.iupac.org/publications/cei/vol3/0301x0an8.html