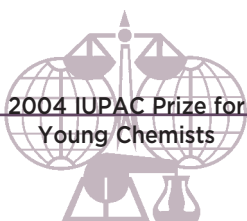
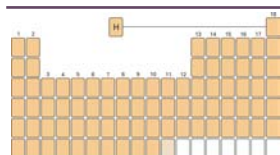


Contents

CHEMISTRY International November-December 2003 Volume 25 No. 6



President's Column 2

Features

- "It's A Chemical World!"—The Overwhelming Success of
A Poster Competition *by Lida Schoen* 4
- IUPAC in Ottawa: The General Assembly *by John W. Jost* 8
- The IUPAC Congress and Conference of the Canadian
Society for Chemistry *by Alex McAuley* 10
- Safety Training Program *by Mark C. Cesa* 12

Up for Discussion

- A Central Position for Hydrogen in the Periodic Table
by Herb Kaesz and Peter Atkins 14

IUPAC Wire

- Samsung Gives Gift to the IUPAC Macromolecular Division 15
- Pirketta Scharlin Received the 2003 Franzosini Award 15
- Letters from Readers
- What if All Chemists Went on Strike? *by Armand Lattes* 16

The Project Place

- Chemistry's Contributions to Humanity—A Feasibility Study 18
- The Use of AFM in Direct Surface Force Measurements 18
- Ionic Strength Corrections for Stability Constants 19
- Provisional Recommendations 23

Making an imPACT

- Critically Evaluated Propagation Rate Coefficients in Free-
Radical Polymerizations: Part III. Methacrylates with Cyclic
Ester Groups 20
- Minimum Requirements for Reporting Analytical Data for
Environmental Samples 20
- Atomic Weights of the Elements 2001 20
- Regulatory Limits for Pesticide Residues in Water 21
- On the Claims for the Discovery of Elements 110, 111, 112,
114, 116, and 118 *and* Name and Symbol of Element 110 24

Bookworm

- Measurement of the Thermodynamic Properties of Single
Phases, Vol. VI 25
- Progress in Polymer Science and Technology 25
- Solubility Equilibria—Heinz Gamsjäger 25
- Introduction to Modern Organic Chemistry 26
- 27

Conference Call

- High Temperature Materials Chemistry
by Michio Yamawaki and Gerd M. Rosenblatt 28
- Plasma Chemistry *by Stephen Girschick* 28
- Organo-Metallic Chemistry *by Mark Lautens* 29
- Analytical Chemistry in Africa *by Nelson Torto* 30

Where 2B & Y 32

Mark Your Calendar 34

Index 37