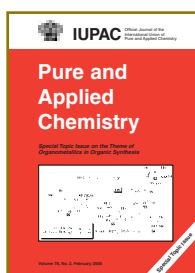
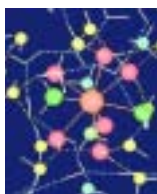


Contents

CHEMISTRY International May-June 2006 Volume 28 No. 3



back cover tear off



Officer's Column	2
Features	
China's Petrochemical Technologies <i>by Jiming Wang</i>	4
Introducing EuCheMS: The European Association for Chemical and Molecular Sciences <i>by Gábor Náray-Szabó</i>	8
Up for Discussion	
The Tyranny of the Chemist <i>by Eric Scerri</i>	11
The Project Place	
Defining a Data Standard for Near-Infrared Spectroscopy and Chemometrics	12
Analysis and Remediation of Arsenic Contamination in Groundwater	14
Herbal Medicine—Development of Methodologies and Protocols for Documentation, Evaluation of Safety and Efficacy, and Standardization	17
Raising Awareness of the Chemical Weapons Convention and the Multiple Uses of Chemicals	18
Provisional Recommendations <i>IUPAC Seeks Your Comments</i>	19
Making an impACT	
The International Harmonized Protocol for the Proficiency Testing of Analytical Chemistry Laboratories	20
Reference Data for the Density and Viscosity of Liquid Aluminum and Liquid Iron	20
How to Access Structure and Dynamics of Solutions: The Capabilities of Computational Methods	21
XML-Based IUPAC Standard for Experimental, Predicted, and Critically Evaluated Thermodynamic Property Data Storage and Capture	22
JCAMP-DX for Electron Magnetic Resonance	23
Uncertainty Estimation and Figures of Merit for Multivariate Calibration	23
Guidelines for NMR Measurements for Determination of High and Low pKa Values	24
Guidelines for Terminology for Microtechnology in Clinical Laboratories	24
Bookworm	
Special Topic Articles Featuring the 2005 Winners of the IUPAC Prize for Young Chemists	25
Organometallics in Organic Synthesis	27
Conference Call	
Chemical Thermodynamics <i>by Andrey Ya. Borschevsky and Svetlana S. Melkhanova</i>	28
Polymers for Advanced Technologies <i>by György Bertalan, György Marosi, and Andrea Toldy</i>	28
Heterocyclic Chemistry <i>by Girolamo Cirrincione and Anna Almerico</i>	31
Molecular Mobility and Order in Polymer Systems <i>by Anatoly Darinskii</i>	32
Chemistry in Kenya—Its Contribution to a Healthy Environment and Socio-Economic Development <i>by Sidney F.A. Kettle</i>	33
Where 2B & Y	35
Mark Your Calendar	38