Contents CHEMISTRY International September-October 2006 Volume 28 No. 5











Past President's Column	2
Features	
Chairing Scientific Symposia by Roger Fenwick and Leiv K. Sydnes Beyond Classical Chemistry: Subfields and Metafields of	4
the Molecular Sciences by Jesper Sjöström	9
Tools of the Trade: The IUPAC Stability Constants Database by Leslie D. Pettit	14
Up for Discussion	
Emerging Issues in Developing Countries: Maintenance of Scientific and Technical Equipment—Challenges Faced by African Institutions by Dzengo Mzengeza	16
UPAC Wire	
Malcom F.G. Stevens is Awarded the First IUPAC-Ritcher Prize Capacity Building in Science Four Awards, One Passion: Chemistry	18 18 19
In Memoriam—Allan Ure	21
Safety Training Program—Call for Host Companies	21
The Project Place	
Solubility and Thermodynamic Properties Related to Environmental Issues	27
Terminology for Self-Assembly and Aggregation of Polymers	23 23
Nomenclature of Phosphorus-Containing Compounds of	
Biochemical Importance Determination of Selenomethionine in Selenized Yeast	23
Supplements	24
Selection and Use of Proficiency Testing Schemes for Limited Number of Participants (Chemical Analytical Laboratories) Young Ambassadors for Chemistry in Korea	24 25
Adjustment, Estimation, and Uses of Equilibrium Reaction	
Constants in Aqueous Solution	27
Design of Polymer Education Materials for French-Speaking Countries	27
Provisional Recommendations /UPAC Seeks Your Comments	28
nternet Connection	
Free Information Resources for Chemists, Part 2 by Leslie Glasser	29
Bookworm	
The International System of Units (SI), 8th edition	30
Obsessive Genius: The Inner World of Marie Curie reviewed by Stanislaw Penczek	30
Volume G: Definition and Exchange of Crystallographic Data Philosophy of Chemistry: Synthesis of	32
a New Discipline reviewed by Stephen Weininger	33
Conference Call	
Chemistry for Agriculture by Adam Pawelczyk	35
Photodynamics by Jesus Rubayo Soneira Groon (Sustainable Chomistry by M. Vidual)	36 77
Green/Sustainable Chemistry by M. Kidwai Analytical Spectroscopy by René Van Grieken	37 37
ThermoML by Michael Frenkel	38
Advanced Materials and Polymer Characterization by Michael Hess	39
The Food and Drug Administration's Centennial by Laure Journel	41