Index 2017

**Bookworm**
Compendium of Terminology and Nomenclature of Properties in Clinical Laboratory Sciences 29(2)
Engineered Nanoparticle and the Environment 28(2)
Successful Drug Discovery 28(1)

**Conference Call**
Bioinspired and Biobased Chemistry & Materials by Frédéric Guittard 36(2)
Boron Chemistry (IMEBORON XVI) by Michael A. Beckett 44(4)
Chemistry Education by Datuk Dr. Soon Ting-Kueh 33(1)
Successful Drug Discovery 28(1)

Ecological Risk Assessment by John B. Unsworth and Elizabeth Carazo 45(4)
Green Chemistry by Pietro Tundo 36(1)
International Carbohydrate Symposium by Al D. French 37(2)
IUPAC 2017—World Chemistry Congress and IUPAC General Assembly by Bipul Behari Saha 46(4)
Solid State Chemistry by Adriana Lančok 38(1)
Validation of Test Methods, Human Errors and Measurement Uncertainty of Results by Ilya Kuselman 40(2)
WMFmeetsIUPAC by Hans van Egmond and Rudolf Krska 32(1)

**Features**
Are We Nearly There Yet? A Perspective on Data Sharing in (Chemical) Crystallography by Simon Coles 15(3)
Beware the Hype of Digital Publishing: Creating Useful Information Requires Work by Martin G. Hicks and Carsten Kettner 45(3)
Big Data in Chemical Industry by B. Saha 42(3)
Chemical Health and Safety Data Management: Supporting Prudent Practices in Research Laboratories by Leah McEwen 31(3)
Chemistry Organizations in a Changing World by Stephen A. Matlin, Alain Krief, Henning Hopf, and Goverdan Mehta 15(1)
Connecting Chemistry with Global Challenges through Data Standards by Ian Bruno and Jeremy G. Frey 5(3)
From Experiments to Knowledge: Reproducibility, Validation, and Reuse of Crystal Structure Data by Ian Bruno 41(3)
The Future of Chemical Information Is Now by Antony J. Williams and Harry E. Pence 9(3)
Hero Worship in Words: Imitating the Grand Style of R. B. Woodward by Jeffrey I. Seeman 14(2)
IYCN: A Journey That Has Just Begun by Christine Dunne and Fernando Gomollón-Bel 4(2)
IUPAC Facilitating Chemistry Data Exchange in the Digital Era by Leah McEwen 6(2)
The IUPAC Gold Book: An Exemplar for IUPAC Asset Digitization by Stuart Chalk and Leah McEwen 25(3)
Leveraging the Web: Production, Management, and Dissemination of Chemical Information by William Fyson, Simon Coles, and Jeremy Frey 39(3)
IUPAC in Polymer Education by Christopher Fellows and Patrick Theato 24(4)

IUPAC Polymer Conferences by Michael Hess 28(4)
IUPAC Polymer Division at 50 Years by Richard "Dick" Jones 4(4)
MACRO 2016, Istanbul: An IUPAC Morality Tale by Gregory T. Russell 33(4)
Managing Standards and Critical Evaluation in a World of Big Data by D. Brynn Hibbert, David Shaw and M. Clara F. Magalhães 22(3)
Modeling of Polymerization Kinetics and Processes—From Voting to Toting by Gregory T. Russell 20(4)
Ecological Risk Assessment by John B. Unsworth and Elizabeth Carazo 45(4)
Green Chemistry by Pietro Tundo 36(1)
International Carbohydrate Symposium by Al D. French 37(2)
IUPAC 2017—World Chemistry Congress and IUPAC General Assembly by Bipul Behari Saha 46(4)
Solid State Chemistry by Adriana Lančok 38(1)
Validation of Test Methods, Human Errors and Measurement Uncertainty of Results by Ilya Kuselman 40(2)
WMFmeetsIUPAC by Hans van Egmond and Rudolf Krska 32(1)

**Editorial**
Because People Matter, by Richard "Dick" Jones 4(4)
Cl and CI Digital First, by Colin Hymphris, chair of CI Editorial Board 1(2)
The Rise of Primary Research Data by Leah McEwen and David Martinsen 3(3)

**IUPAC Wire**
2018 ChemRAWN VII Prize for Green Chemistry—Call for Nominations 39(4)
2018 IUPAC International Award for Advances in Harmonized Approaches to Crop Protection Chemistry—Call for Nominations 39(4)
2018 IUPAC-Solvay International Award for Young Chemists 38(4)
2018 IUPAC-Richter Prize Call for Nominations 38(4)
Actions Taken at IUPAC Council and Bureau, São Paulo, Brazil 2017 40(4)
Election of IUPAC Officers and Bureau Members 48(3)
The Franzosini Award of 2016 19(2)
Gender-based Harassment in the Practice of Science 21(1)
A Global Approach to the Gender Gap 19(2)
ICSU to Merge with ISSC 22(1)
The IUPAC 2017 Distinguished Women in Chemistry 18(2)
IUPAC Announces the Names of the Elements 113, 115, 117, and 118 20(1)

IUPAC Announces the Winners of the 2017 IUPAC-Solvay International Award for Young Chemists 49(3)

IUPAC Celebrates 100th Anniversary in 2019 35(4)

IUPAC and the Organisation for the Prohibition of Chemical Weapons Take Partnership to New Level 20(1)

IUPAC Periodic Table of the Elements—Updated Release 21(1)

IUPAC Standards Online 37(4)

IUPAC Standards Online 42(4)

Neil Garg is the Recipient of the 2016 Thieme–IUPAC Prize 18(2)

New InChI Software Release 20(2)

The Periodic Table at the University of Murcia 35(4)

Polymer International–IUPAC Award—2018 Call for Nominations 39(4)

Remembering Peter Greaves Taylor Fogg (1929-2016) 22(1)

Thieme-IUPAC Prize 2018 Call for Nominations 38(4)

Making an ImpACt

Comprehensive Definition of Oxidation State (IUPAC Recommendations 2016) 29(1)

Glossary of Terms Used in Developmental and Reproductive Toxicology (IUPAC Recommendations 2016) 30(1)

Isotope-Aundance Variations and Atomic Weights of Selected Elements 30(2)

Names of Elements 113, 115, 117, and 118 30(2)

On the Naming of Recently Discovered Chemical Elements 30(2)

Source-based Nomenclature for Single-strand Homopolymers and Copolymers (IUPAC Recommendations 2016) 29(1)

Mark Your Calendar

Listing of IUPAC-endorsed Conferences and Symposia 43(1), 46(2), 50(3), 51(4)

NOTes

IUPAC Standards and Recommendations by Ron Weir 34(2)

Office's Columns

IUPAC in São Paulo 2017 by Adriano D. Andricopulo 2(2)

Looking back on six years of service as an Officer by Mark Cesa 2(4)

On the Path to Rewarding Times by Natalia Tarasova 2(1)

Research Data, Big Data, and Chemistry by Richard Hartshorn 2(3)

Project Place

A Critical Review of Reporting and Storage of NMR Data for Spin-Half Nuclei in Small Molecules 26(1)

Database on Molecular Compositions of Natural Organic Matter and Humic Substances 21(2)

Ecological Risk Assessment Workshop for Central America 26(1)

Environmental Fate and Risks of Nano-enabled Pesticides 24(1)

Guides in Metrology 27(1)

Integrating Green Chemistry and Socio-Sustainability in Higher Education 21(2)

NUTRIAGEING: Combining Chemistry, Cooking, and Agriculture 24(2)

Safety Training Program 26(2)

Provisional Recommendations

Definition of the Mole 33(2)

Nomenclature and Terminology for Dendrimers with Regular Dendrons and for Hyperbranched Polymers 31(1), 33(2)

Terminology of Bioanalytical Methods 31(1), 33(2)

Terminology of Separation Methods 33(2)

Stamps International

Big Chemistry 52(3)

Polymers Everyday and Everywhere 56(4)

Woodward's Birth Centennial by Daniel Rabinovich 23(1)

Up for Discussion

From Young Observers to Young Actors A Message to IUPAC from a few Young Observers 33(4)

Where 2B & Y

Chemistry in a Multidisciplinary, Interdisciplinary World, World Chemistry Leadership Meeting 2017, 49th IUPAC General Assembly, 7-14 July 2017, São Paulo, Brazil 43(2)

Chemists and IUPAC: Taking Responsibility and Taking Action, 29 August - 2 September 2017, Trondheim, Norway 42(1)

Coordination and Bioinorganic Chemistry , 4-9 June 2017, Smolenice, Slovakia 42(1)

Global Challenges and Data-Driven Science, 8-13 October 2017, Saint Petersburg, Russia 44(2)

Ionic Polymerization, 17-22 September 2017, Durham, UK 44(2)

Macro- and Supramolecular Architectures and Materials , 6-10 June 2017, Sochi, Russia 41(1)

POLYCHAR World Forum on Advanced Materials, 2-6 October 2017, Kuala Lumpur, Malaysia 41(1)

Small Satellites for Space Research, 18-22 September 2017, Jeju Island, South Korea 42(1)

Trace Elements Analysis of Environmental Samples with X-rays, Zurich, Switzerland, 16-20 July 2017 44(2)

Pull-Out

2014 CODATA Recommended Values of the Fundamental Constants of Physics and Chemistry 29(1)

IUPAC periodic table of the elements, version 28 November 2016, back cover (1)

Concise summary of the Silver Book and the NPU Format for Clinical Laboratory Science Reports Regarding Properties, Units, and Symbols, centerfold (2)