New Associate Editors

Name: V. A. Drebushchak
Place and date of birth: Rudnoe (Kazakhstan) 23 May, 1958
Nationality: Russian
Education and scientific degrees: Physicist (1980) from the Novosibirsk State University; Ph.D. (Geochemistry) 1993 from the United Institute of Geology, Geophysics, and Mineralogy (Novosibirsk)
E-mail: dva@uiggm.nsc.ru; dva@xray.nsu.ru

Employments
Institute of Geology and Mineralogy SB RAS (formerly Inst. Geol. & Geophys.; United Inst. Geol., Geophys. & Mineral.; Inst. Mineral. & Petrogr.), since 1980, senior researcher 1993– ; Novosibirsk State University, 1992–1993, lecturer 2001– ; Institute of Inorganic Chemistry SB RAS, senior researcher 2003– .

Main fields of interest
Thermodynamics, thermochemistry, phase transitions, phase diagrams, theory and instrumentation of thermal analysis and calorimetry, mineralogy, solid state chemistry, parmaceuticals, archaeology.

Number of papers in refereed journals: 60

Number of communications to scientific meetings: 70

List of the 5 most important publications
1) V. A. Drebushchak, Isobaric dehydration of zeolites, *Geokhimiya*, N1 (1990) 124. (in Russian)
2) V. A. Drebushchak and S. N. Dementiev, Thermoanalytical investigation of quartz in the vicinity of alpha-beta transition, *Geokhimiya*, N9 (1993) 1341. (in Russian).
3) V. A. Drebushchak and A. I. Turkin, Relationship between heat capacity and thermal expansion derived from the Lennard-Jones potential, *J. Therm. Anal. Cal.*, 65 (2001) 745.
4) V.A. Drebushchak, Calibration coefficient of a heat-flow DSC. Part I. Relation to the sensitivity of a thermocouple, *J. Therm. Anal. Cal.*, 76 (2004) 941.
5) V. A. Drebushchak, L. N. Mylnikova, T. N. Drebushchak, V. V. Boldyrev, V. I. Molodin, E. I. Derevjanko, V. P. Mylnikov, A. V. Nartova, Physico-chemical investigation of ancient ceramics (artifacts of Late Bronze and Early Iron Age). Publishing House of the Siberian Branch of Russian Academy of Sciences, Novosibirsk 2006, p. 98. (in Russian).

Recognitions
Young Scientist in Applied Researches from the Siberian Branch of Russian Academy of Sciences (1987); Scientist in Applied Researches from the Siberian Branch of Russian Academy of Sciences (1989); Young Scientist in Basic Researches from the Siberian Branch of Russian Academy of Sciences (1990).

Membership
International Confederation for Thermal Analysis and Calorimetry.

Postal address
Institute of Geology and Mineralogy SB RAS, Pr. Ak. Koptyuga 3., Novosibirsk 630090, Russian Federation.

1388–6150/$ 20.00

Akadémiai Kiadó, Budapest, Hungary
Springer, Dordrecht, The Netherlands

Name: Anna Michnik
Nationality: Polish
Place and date of birth: Częstochowa, (Poland) 1953
Education and scientific degrees: M.Sc. in Theoretical Physics Univ. of Silesia in Katowice (1977) Ph.D. in Physics, Jagiellonian University in Cracow (1988),
E-mail: michnik@us.edu.pl

Employments
Medical Academy of Silesia in Katowice, Faculty of Pharmacy, Biophysical Chemistry Department, Research and Teaching Assistant (1977–1992), Assistant Professor (1992–1996); University of Silesia in Katowice, A. Chelkowski' Institute of Physics, Department of Medical Physics, Assistant Professor (1996–).

Mean fields of interest
Calorimetric and spectroscopic studies on the stability of: proteins, drugs, liposomes, protein – low molecular ligand interactions in aqueous solutions. Research methods: Differential Scanning Calorimetry, UV VIS and Fluorescence Spectroscopy, Nuclear Magnetic Resonance ^{1}H NMR Spectroscopy, Chromatography, Scanning Electron Microscopy.

Teaching experience
Statistical Methods in Medicine, Physical Methods in Medicine and Biology, Medical Physics Laboratory, Differential Scanning Calorimetry, Physical Chemistry, Supervising thesis works at B.Sc. and M.Sc. levels (over 40).

List of the 5 most important publications
1) A. Michnik, K. Michalik, A. Kluczewska and Z. Drzazga Comparative DSC study of human and bovine serum albumin, *J. Therm. Anal. Cal*., 84 (2006) 113.
2) A. Michnik, Z. Drzazga, A. Kluczewska, K. Michalik, Differential scanning microcalorimetry study of the thermal denaturation of haemoglobin, *Biophys. Chem.*, 118 (2005) 93.
3) A. Michnik, K. Michalik, W. Marcoin, Influence of magnesium glutamate on stability of penicillin G aqueous solution, *Int. J. Pharm.*, 273 (2004) 149.
4) A. Michnik, Thermal stability of bovine serum albumin DSC study, *J. Therm. Anal. Cal.*, 71 (2003) 509.
5) A. Michnik, A. Sułkowska, Destabilization of liposomes by bovine serum albumin; Sepharose 2B-Cl experiment, *Chromatographia*, 45 (1997) 155.

Refereeing and editing activity
Journal of Thermal Analysis and Calorimetry
Drug Development and Industrial Pharmacy
Food Hydrocolloids
Journal of Inorganic Biochemistry
Polish Journal of Environmental Studies
Guest Editor of the Proceedings of the IV. Symposium on Medical Physics; II. International Symposium on Medical Physics; Physica Medica; European Journal of Medical Physics, Vol. XX. Supplement 1, 2004, ISSN 1120–1797.

Membership of scientific organizations
Member of the Board of Silesian Branch of the Polish Society of Medical Physics; Member of the Polish Biophysical Society.

Organization activity
Member of the Organizing Committee of V. Symposium on Medical Physics; III. International Symposium on Medical Physics, 20–23 September 2006, Ustron (Poland) and II. Symposium on Medical Physics, September 1998, Szczyrk (Poland); Secretary of the Organizing Committee of IV. Symposium on Medical Physics; II. International Symposium on Medical Physics, 13–15 November 2003, Ustron (Poland), Treasurer of Organizing Committee of III. Symposium on Medical Physics, November 2001, Wisla (Poland).

Postal address
University of Silesia, Institute of Physics, Medical Physics Dept., ul. Uniwersytecka 4, 40-007 Katowice, Poland
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Name: Jesús Ma. Rincón
Date and place of birth: Madrid, (Spain) 1947
Nationality: Spanish
Education and scientific degrees: Chemist, Universidad Complutense of Madrid (1970); Ph. D. (1982); Profesor de Investigación CSIC (2001)
E-mail: jrincon@ietcc.csic.es

Workplaces
Instituto de Cerámica y Vidrio, CSIC (1970–1994); University of California, Berkeley (1984–1985); Instituto de Ciencias de la Construcción E. Torroja (1994–).

Main fields of interest
Glasses, glassceramics and ceramics; nucleation and crystallization of glasses; electron microscopies of glasses and ceramics; thermal transformation and characterization of clays and clayed materials; construction materials.

Number of publications
150 in scientific bulletins (100 from the SCI) and more than 200 communications to meetings and congresses which include: 50 chapters in monographic books + specific Proceedings and 150 in other type of Proceedings.

Number of citations: 600

List of the 5 most important publications
1) J. Ma. Rincón (Review under invitation of editor), Principles of nucleation and controlled crystallization of glasses, *Polym. Plast.Technol. Engineering*, 3 (1992) 3–4, 309.
2) M. Romero and J. Ma. Rincón, Surface and bulk crystallization of glass- ceramic in the Na_2O- CaO- ZnO- PbO- Fe_2O_3- Al_2O_3- SiO_2 system derived from a Goethite waste, *J. Am. Ceram. Soc.*, 82 (1999) 5, 1313.
3) M. Romero, R. D. Rawlings and J. Ma. Rincon , Crystal nucleation and growth in glasses from inorganic wastes from urban incineration, *J. Non- Cryst. Solids.,* 271 (2000) 1–2, 106.
4) A. Acosta, I. Iglesias, M. Aineto, M. Romero and J. Ma. Rincón, Thermal and sintering characterization of IGCC slag (under invitación of Editor), *J. Therm. Anal. Cal.*, 67 (2002) 1, 249.
5) M. Romero, J. Martín- Márquez and J. Ma. Rincón, , Kinetic of mullite formation from a porcelain stoneware body for tiles production, J. Eur. Ceram. Soc. 26 (2006)1647.

Books
1) J. Ma. Rincón, A. Durán, Separación de fases en vidrios. el sistema Na_2O-B_2O_3-SiO_2, Sociedad Española de Cerámica y Vidrio, Madrid 1982.
2) T. Manfredini, G. C. Pellacani and J. Ma. Rincón, Glass- Ceramic Materials, Editado por Mucchi Editore, Modena 1997.
3) J. Ma. Rincon and M. Romero, Characterization techniques for ceramics, glasses and glass-ceramics, Springer-Verlag Heidelberg Germany, 1998.
4) J. Ma. Rincón, M. Romero, M. Jordan y J. P. Gutierrez, Materiales inorgánicos en la construcción para el siglo XXI, IETcc, CSIC y Univ. Miguel Hernández, Elche, Alicante 2001.

Distinction
Honoured member of the Spanish Glass and Ceramic Society, 1992.

Refereeing activity
Member of the Editorial Board of 4 international scientific bulletins: Verre, Revue de Métallurgie et Science des Matériaux, International Ceramics and Materiales de Construcción.

Memberships
Regular member of the following Spanish societies: Soc. Esp. Ceram. Vidr. ; Soc. Esp. de Mineralogía; Soc. Esp. de Microscopía; Soc. Esp. de Materiales Compuestos; Club Esp. de los Residuos; Asociación Esp. de Científicos (member of the Board). Member of the American Soc. of Electron Microscopy.

Professional activities
Director of the electron microscopy laboratory of the Instituto de Cerámica y Vidrio, CSIC, during 1975–94, and performing research on this Institute during last 23 years. 1984–85 he was Visiting Associate Professor of the University of California, Berkeley, USA. He has been the director of 8 doctoral Thesis on glasses and glass-ceramics. He is the Head of the new Dept. of Construction Systems of Instº. Torroja, CSIC, Spain. Since the 1991 he has been partner of a European Community RAW MATERIALS Project. He is the leader of several industry projects for investigating nucleation and crystallization in glasses.

Patents: 4 patents

Hobbies
Hiking on mountains areas, swimming, poetry, as well as scientific divulgation activities.

Present position and postal address
Leader of the Group/Lab of Glassy and Ceramics Materials at the Institute of Construction Sciences E. Torroja of the CSIC, Madrid, Spain. Recently also Head of Department of Construction Systems in the same institute of CSIC. Postal address: Instituto E. Torroja de Ciencias de la Construcción, CSIC c/ Serrano Galvache 4, Madrid 28033, Spain.

Name: Luis Romaní
Place and date of birth: Santiago de Compostela, (Spain) 1947
Education and scientific degrees: Chemistry degree, University of Santiago de Compostela (1969); Ph.D. in chemistry, University of Santiago (1973)
E-mail: romani@uvigo.es

Positions and appointments:
1973–1989: Associate Profesor at University of Santiago
1989–1993: Associate Professor at University of Vigo
1993– to date: Professor of Physics at the Faculty of Science, Ourense, University of Vigo

Mean field of interest
Thermophysical properties of liquids; critical phenomena in fluids and fluid mixtures; rheological properties of foods.

Nuber of publications: 91

Number of citations: 319

List of the most important publications
1) M. Souto-Caride, J. Troncoso, J. Peleteiro, E. Carballo, L. Romaní, Estimation of critical amplitudes of the correlation length by means of calorimetric and viscosimetric measurements. *Chemical Physics* 324(2–3) (2006) 483.
2) C. Paz-Ramos, C. A. Cerdeiriña, J. Troncoso, L. Romaní, Calorimetric search for reliable excess enthalpy data as a function of temperature. *J. Therm. Anal. Cal.,* 83(2) (2006) 263.
3) Jacobo Troncoso, Diego Gonzalez-Salgado, Claudio A. Cerdeiriña, Enrique Carballo, Luis Romaní, Griffiths-Wheeler geometrical picture of critical phenomena: Experimental testing for liquid-liquid critical points. Physical Review E: Statistical, Nonlinear, and Soft Matter Physics (2005), 71(2–1), 021503/1-021503/7.
4) C. A. Cerdeiriña, J. Troncoso, E. Carballo, L. Romaní, Heat capacity and thermal expansion anomalies in the nitromethane-1-butanol mixture near its upper critical point. Physical Review E: Statistical, Nonlinear, and Soft Matter Physics (2002), 66(3-1), 031507/1-031507/6.
5) C. A. Cerdeiriña, J. A. Miguez, E. Carballo, C. A. Tovar, E. de la Puente, L. Romaní, Highly precise determination of the heat capacity of liquids by DSC: calibration and measurement. *Thermochim. Acta* (2000), 347(1–2), 37.

Patents: 4 patents

Refereeing activity
Journal of Thermal Analysis and Calorimetry; Journal of Chemical & Engineering Data; The Journal of Chemical Thermodynamics; Thermochimica Acta; Fluid Phase Equilibria; Meccanica Journal; Journal of the American Chemical Society.

Memberships
Member of the Advisory Committee of the Royal Spanish Physical Society.
Member of the Royal Spanish Chemical Society.
Member of the Expertise Thermodynamics Group of the RSPS.

Present position and postal address
Head of the Thermophysical Laboratory, Department of Applied Physics, University of Vigo. Facultad de Ciencias de Ourense, Campus As Lagoas, 32004 Ourense, Spain.

Name: Piotr Staszczuk
Place and date of birth:
Poland, 17 May, 1949
Nationality: Polish
Education and scientific degrees:
Maria Curie-Skłodowska University Lublin (Poland) 1967–1972 Chemistry, M.Sc. Physical Chemistry, Ph.D. Chemistry 1980, Sc.D. 1987, Professor of Chemistry 2001
E-mail: piotrs@hektor.umcs.lublin.pl

Postdoctoral stages
Kent State University Kent, Ohio (USA) 1992–1993 (9 months); Short visits: Tessidee University Middlesborough (UK), Granada University Granada (Spain), J. Gutenberg University Mainz (Germany), University of Erevan Erevan (Armenia).

Place of work (1972 –)
Maria Curie-Skłodowska University, Chemistry Faculty, Institute of Physical Chemistry, Department of Physicochemistry of Solid Surface.

Professional activities
Member of Polish Society of Calorimetry and Thermal Analysis, International Union of Pure and Applied Chemistry, European Colloid and Interface Society, Polish Chemical Society and Lublinian Science Society.

Fields of research
Applications of thermal analysis and other methods for studies of adsorbed liquid films (especially water), liquid/solid interactions, surface properties and total heterogeneity of new generation, advanced technology and nanotechnology materials, e.g.: adsorbents, zeolites, molecular sieves, high-temperature superconductors, smart surfaces, carbon nanotubes, fullerens, chemically and thermally modiefied materials.

Number of publications
More than 400 (161 articles, 45 in Conference Proceedings, 4 patents and 192 communications).

List of the 5 most important publications
1) P. Staszczuk, Physicochemical properties of liquid-solid interfaces by means of the controlled rate thermal analysis, *Thermochim. Acta*, 247 (1994) 169. (review).
2) P. Staszczuk:, Study of the liquid/solid systems using thermal analysis, *American Lab*., 28 (12), (1996) 21.
3) P. Staszczuk, The studies of the heterogeneous properties of solid surfaces by means of the Derivatograph Q-1500D, *J. Therm. Anal. Cal*., 53 (1998) 597.
4) P. Staszczuk, D. Sternik, G. W. Chądzyński. Determination of total heterogeneous properties and fractal dimension of high-temperature superconductors,
J. Therm. Anal. Cal., 71 (2003) 173.
5) P. Staszczuk, The world of nanostructures – nanotechnology, *Annals Pol. Chem. Soc*., 2 (2003) 677.

Present position and postal address
Professor
Additional position: V-Chairman of the International Steering Committee of the Vacuum Microbalance Techniques Conferences.

Postal address
M. Curie-Skłodowska Sq. 3, 20-031 Lublin, Poland.

Name: Hirohisa Yoshida
Place and date of birth:
Tokyo, (Japan) 3 February, 1951
Nationality: Japanese
Education and scientific degrees:
Department of Textiles and Polymers, Faculty of Engineering, Tokyo University of Aquiculture and Technology (1974), Doctorate of Engineering (Tokyo Metropolitan University) (1984)
E-mail:
yoshida-hirohisa@c.metro-u.ac.jp

Workplaces
National Institute of Textiles and Polymers, Yokohama 1974–75; Department of Industrial Chemistry, Tokyo Metropolitan University 1975–94; Royal Institute of Technology, Visiting Researcher, Stockholm Sweden 1984–85 and 1986; Departments of Applied Chemistry, Tokyo Metropolitan University 1994–1998, Graduate School of Engineering, Tokyo Metropolitan University 1998–2003, Faculty of Urban Environmental Science, Tokyo Metropolitan University 2005 – present.

Main fields of interest
Physical chemistry of polymers and organic materials. Thermal and molecular motional analysis: Simultaneous DSC-XRD and DSC-FTIR (patented), Molecular assembly and self assemble systems. Glass transition and relaxation phenomena. Synchrotron science.

Awards
SOFUE Award (Japan Society of Textiles) 1985.

Number of publications: 200

List of the 5 most important publications
1) H. Yoshida, Y. Kobayashi, Effect of side chains on molecular motion of poly(alkyl methacrylates) with annealing at temperatures below its glass transition temperature, *J. Macromol. Sci. -Phys.*, B21 (1982) 565.
2) H. Yoshida, T. Hatakeyama, H. Hatakeyama, Phase transition of the water-xanthan system *Polymer*, 31 (1990) 693.
3) H. Yoshida, Y. Miura, Behavior of water in perfluorinated ionomer membranes having various monovalent cations, *J. Membrane Sci.*, 68 (1992) 1.
4) K. Minewaki, T. Kato, H. Yoshida, M. Imai and K. Ito, Small-angle X-ray Scattering from the lamellar phase formed in a nonionic surfactant (C16E7)-water system. Analysis of peak position and line shape, *Langmuir*, Vol.17(6) (2001) 1864.
5) H. Yoshida, K. Watanabe, R. Watanabe, T. Iyoda, Self assemble structure of amphiphilic di-block copolymer having azobenzene moieties, *Trans. Materials Research Society Japan*, Vol. 29 (2004) 861.

Books
Glass transition and Relaxations (Chp.) by H. Yoshida, in Principle of Polymer Physics (Japan Society of Polymer Science), Kyoritu-Syuppan, 1992.
Thermal properties (Chp. 3) by H. Yoshida in Gels Handbook, (Y. Osada and K. Kajiwara), Acad. Press, 2000.
Glass transition and relaxation phenomena (Chapter1), Simulteneous methods (Chp. 2) by H. Yoshida in Comprehensive Handbook of Calorimetry and Thermal Analysis (Japan Society fo Calorimetry and Thermal Analysis), John Wiley & Sons, Ltd, Chichester (2004).
Thermal Analysis, Edited by T. Ozawa and H. Yoshida, Koudansha Scientific, 2005.

Professionnal activities
ICTAC: Councillor (1996–2004), Member of Standardization Committee (2000–); Membership Secretary (2004–2006); Editorial board member of Thermochim. Acta (2000–). Japan Society of Calorimetry and Thermal Analysis: Secretary (1990–1992, 1996–1998). Japan Society of Textiles: Editor of Journal “Sen-I Gakkaishi” (1986–1997). 3rd International Symposium of Calorimetry and Thermal Analysis: Secretary (1999).

Present position and postal address
Professor of Applied Chemistry, Graduate School of Urban Environmental Science, Tokyo Metropolitan University, Minamiosawa, Hachiouji, Tokyo 192-0397, Japan.

Name: Wojciech Zielenkiewicz
Place and date of birth:
Warsaw, (Poland) 6 June, 1933
Nationality: Polish
Education and scientific degrees:
Chemistry Faculty of Warsaw University. Ph.D., D.Sc.
E-mail: zivf@ichf.edu.pl

Workplaces

Head of the Department of Calorimetry IChF PAS (1968–2004); Director of the Institute of Physical Chemistry of PAS (1973–1990); Deputy Scientific secretary of PAS (1968–1972); Secretary of Mathematical, Physical and Chemical Sciences Division member of PAS (1984–1989); President (1985–1991), then Honorary President (1991–) of the Polish Society of Calorimetry and Thermal Analysis

He devoted his scientific proficiency to physical chemistry, particularly to experimental and theoretical study related to thermochemistry and calorimetry.

Number of publications and papers

He authored and edited 6 books and published over 200 original scientific papers.

List of the 5 most important publications

1) Y. Georgalis, P. Umbach, A. Zielenkiewicz, E. Utzig, W. Zielenkiewicz, P. Zielenkiewicz, W. Saenger, Microcalorimetric and small-angle light scattering studies on nucleating lysozyme solutions, *J. Am. Chem. Soc.,* 119 (1997) 11959;
2) S. J. Komorowski, Z. R. Grabowski, W. Zielenkiewicz, Pulsed photoacoustic determination of quantum yield of triplet state formation, *J. Photochem.,* 30 (1985) 141;
3) W. Zielenkiewicz, Aqueous solutions of pyrimidine nucleic acid bases. Solute-solvent interactions, *Pure App. Chem.,* 71 (1999) 1285;
4) T. Kuliński, M. D. Bratek-Wiewiórowska, M. Wiewiórowski, A. Zielenkiewicz, M. Żółkiewski, W. Zielenkiewicz: Comperative calorimetric studies on the dynamic conformation of plant 5SrRNA, *Nucl. Acids Res.,* 19 (1991) 2449;
5) W. Zielenkiewicz: Thermodynamic investigations on derivatives of pyrimidine nucleic acid bases, *Thermochim. Acta,* (in press).

Awards

He was presented with various scientific awards and honours as Foreign Corresponding Member of the Royal Academy of Sciences in Barcelona (Spain) (1975–); Corresponding Member of the Polish Academy of Sciences (1977–); Titular Member of 1.2. IUPAC Commission on Thermodynamics (1977–87); President (1985–91) and then Honorary President of the Polish Society of Calorimetry and Thermal Analysis; Calvet Memorial Award and Medal by French Association of Calorimetry and Thermal Analysis (1991); W. Świętosławski Medal of the Polish Society of Calorimetry and Thermal Analysis (1994) and others.

Society memberships

American Chemical Society
International Society of Nucleosides
Nucleotides and Nucleic Acids
Polish Chemical Society
Polish Physical Society
Chief editor of the Bulletin of the Polish Academy of Sciences
Chemistry Section (1985–1995) Members of Editorial Board; (1995–2003) International Journal – Nauchnaya Apparatura – Scientific Instrumentation, (1984–90).

We would like to welcome all new Associate Editors

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