Journal of Thermal Analysis and Calorimetry, Vol. 91 (2008) 2, 337–340

New Regional Editors

Name: V. A. Drebushchak
Place and date of birth:
Rudnoe, Kazakhstan, 1958
Nationality: Russian
E-mail: dva@uiggm.nsc.ru, dva@xray.nsu.ru

Education and scientific degree

Physicist (1980) from the Novosibirsk State University
Ph.D. (Geochemistry) 1993 from the United Institute of Geology, Geophysics, and Mineralogy (Novosibirsk)

Employments

Institute of Geology and Mineralogy SB RAS since 1980
Senior researcher 1993–present
Novosibirsk State University, 1992-1993
Lecturer 2001–present; Institute of Inorganic Chemistry SB RAS
Senior researcher 2003–present.

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: 65

Number of communications to scientific meetings: 75

List of 5 most important publications

V. A. Drebushchak, Isobaric dehydration of zeolites, Geokhimiya, N1 (1990) 124–129 (in Russian)
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.
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.
V. A. Drebushchak, Calibration coefficient of a heat-flow DSC. Part III. Electromotive force of a thermocouple as a function of temperature. J. Therm. Anal. Cal., 90 (2007) 289.
V. A. Drebushchak, L. N. Mylnikova and V. I. Molodin, Thermogravimetric investigation of ancient ceramics: metrological analysis of sampling. J. Therm. Anal. Cal., 90 (2007) 73.

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: Ray L. Frost
Nationality: Australian
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Ray Frost enjoyed his education at Ipswich Grammar School, which may have influenced his early career choice: Ray was a school teacher in both Brisbane and the country. In those early days he had a reputation of being a 'so-called' hot shot chemistry teacher with a personal teaching methodology based on student learning through student interaction.

In 1967 he took up an appointment as an assistant lecturer in physical chemistry at what was then called the Queensland Institute of Technology (QIT). He taught first year chemistry from 1967 to 1996 and was one of the first lecturers to teach large classes, having taught chemistry to engineers from 1967 to 1992. Classes were often well over 300.

When Ray was appointed, he came to QIT with a BSc and a Dip in Ed. All of his higher degrees were obtained on a part time basis. Ray Frost received his MSc in 1978, PhD in 1983 from UQ and his DSc in 2000 from QUT.

With the advent of QIT becoming Queensland University of Technology (QUT), Ray endeavoured to become a researcher, publish papers, win grants and supervise postgraduate students. Consequently, his teaching progressed from undergraduate to postgraduate teaching.

In 2001 Ray became an Associate Professor and in 2005 Professor of Chemistry.

Professor Frost has published well over 550 papers in internationally recognised, refereed, high impact journals. His papers are highly cited and in demand internationally. QUT is leading the world in open access to research papers and Ray is at the vanguard. In the past year alone, a staggering 50,000 downloads of Ray Frost's papers have been made worldwide.

Ray's areas of research include nanomaterials, organoclays, hydrotalcites, mineral chemistry, thermal analysis and spectroscopy. Over the years, he has attended and presented at many conferences. This year Ray was invited to give lectures in China in January, and in September presented four seminars in Hungary.

Ray is a devoted husband, loving father and doting grandfather. In his spare time, Ray enjoys gardening, bush walking and bird watching.

41 years on and Prof. Frost still loves coming to work...

Name: Marek Liška
Place and date of birth:
Bratislava, 24. 07. 1951
Nationality: Czech
E-mail: liska@tnuni.sk

Education and scientific degrees

Ing. – 1974, Faculty of Chemical Technology, Slovak Technical University, Bratislava
PhD. – 1978, Faculty of Chemical Technology, Slovak Technical University, Bratislava
DrSc. – 1996, Slovak Academy of Sciences, Bratislava, (Silicate Technology)
Assoc. Prof. – 1997, Slovak Technical University, Bratislava (Physical Chemistry and Chemical Physics)
Prof. – 2003, Slovak Technical University, Bratislava (Physical Chemistry)

Workplaces

Faculty of Chemical Technology, Slovak Technical University, Bratislava (1974–1983)
Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava (1984–1997)
Alexander Dubček University of Trenčín, Trenčín (1997–)

Main fields of interest

Physical Chemistry, Glass Science and Technology

Awards

Representing Slovak Republic in International Commission on Glass

Number of publications and SCI citations: 153 and 179

List of the most important publications

M. Liška, J. Antalík, P. Šimurka and P. Šimon, Heat capacities of $15Na_2O{\cdot}10(MgO,CaO,TiO_2,ZrO_2){\cdot}75SiO_2$ Glasses, J. Thermal Anal., 46 (1996) 529.
M. Liška, I. Štubňa, J. Antalík and P. Perichta, Structural relaxation with viscous flow followed by thermodilatometry, Ceramics 40 (1996) 15.
P. Lichvár, M. Liška, P. Šajgalík and P. Bezdička, Crystallisation, Thermal Expansion and Density of Si–Al–Y–O Glasses for Ceramics, Key Engineering Materials, 175 (1999) 125.
M. Liška and J. Antalík, Enthalpy Relaxation in Glasses-Regression Analysis of Integral DSC Data, J. Therm. Anal. Cal., 67 (2002) 213.
M. Liška, R. Klement, J. Macháček and O. Gedeon, Inverse thermodynamic modelling of glass from Raman spectroscopic and molecular dynamics results, Phys. Chem. Glasses, 46 (2005) 108.
M. Chromčíková and M. Liška, Simple relaxation model of the reversible part of the StepScan® DSC record of glass transition, J. Therm. Anal. Cal., 84 (2006) 703.
J. Macháček, O. Gedeon, M. Liška and S. Charvátová, First principles molecular dynamics of silicate oxynitride melt doped with scandium, yttrium and lanthanum, J. Non-Crystalline Solids, 353 (2007) 2025.
M. Chromčíková and M. Liška, Viscosity and structural relaxation of $15Na_2O{\cdot}xMgO{\cdot}(10–x)CaO{\cdot}75SiO_2$ glasses, J. Therm. Anal. Cal., 90 (2007) 421.

Books

R. Boča, M. Čeppan, P. Dillinger, S. Ďurovič, D. Gyepesová, J. Hrivíková, V. Laurinc, J. M. Lisý, M. Liška, M. Miadoková, D. Mikloš, P. Pelikán, A. Staško, L. Ulický, L. Valko and J. Vavra: Comprehensive Dictionary of Physical Chemistry. Eds: L. Ulický and T. J. Kemp, Ellis Horwood, London 1992, p. 472.
P. Pelikán, M. Čeppan, M. Liška, Computational Methods in Molecular Spectroscopy,CRC Press, Boca Raton 1994, p. 341.

Professional activities

Structure and properties of oxide glasses studied by methods of physical chemistry and chemical physics. Thermodilatometric and calorimetric study of relaxation phenomena in glasses. Application od molecular dynamics method for simulation of structure and properties of oxide glasses.

Present position and postal address

Professor, Alexander Dubček University of Trenčín, Head of the VILA Glass Centre, Študentská 2, 911 50 Trenčín, Slovak Republic

Patents

K. Forkel, M. Liška, P. Šimurka, R. Stodolski, F. G. Wihsmann: Recycling von Abfallmaterialen in Form des Bildschirmglases. Patent DE 44 19 388 A1 (7.12.1995)
Peter Šimurka, Peter Vrábel, Viera Petrušková, Marek Liška, Vendelín Macho: Crystalline glass without lead, barium, and niob. Patent SK 285523 (2007).

Name: José Antonio Rodríguez Añón
Place and date of birth:
A Coruña, 1966
Nationality: Spanish
E-mail: faliber@usc.es

I began my research in the Group TERBIPROMAT in 1991. By the hand of Prof. Lisardo Núńez, I read my Doctoral Thesis in 1995 and became Professor of the USC. From this moment, my research was developed in the field of Calorimetry and Thermal Analysis focused on environmental and industry studies. This work was productive in 37 papers, 3 books, different contributions in scientific publications, more than 35 conferences with 110 contributions, 21 research projects, referee of the different and prestigious journals, and a lot of contributions in different research and development works. Nowadays, I coordinate the Research Group TERBIPROMAT (http://www.usc.es/terbiusc/) and the Research Network in Biomass and Agroenergy (http://www.usc.es/redebiom/). This one is constituted by 14 Research Groups from different countries and more than 60 researches. At present, using calorimetry and thermal analysis, I concentrate my research in Management and treatment of forest, industrial and municipal wastes (MSW), Management of forest resources to be use as an energy source: design of energy maps, Microbial activity in soils: productivity and degradation studies, Characterization and use of polymeric materials to be use for social and industrial purposes, and Forest fires prevention and fight: risk indexes determination.

Before concluding this presentation, I would like remember three special events, the 3 International Conferences where I was Secretary, especially CALCAT´06 for different and close reasons. These so special events helped me to set the bases of my education and training as scientific. So, in these conferences I met wonderful people that from that moment I am proud of calling colleagues and friends.

We would like to welcome the new Regional and Associate Editors

DOI: 10.1007/s10973-007-3103-5