
New Regional Editors



Prof. Vicenç Torra

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Vicenç Torra received his Ph.D. in Physics (University of Barcelona) in 1970. Thesis topic: Tian-Calvet conduction calorimeters. From 1964 to 1981 the scientific work was realized in the University of Barcelona. From 1981 to 1991 the chairs in Thermodynamics and subsequently in Condensed Matter and in Applied Physics were occupied in the University of Balearic Islands. At present he is Professor of Applied Physics in the Civil Engineering School at the Polytechnic University of Catalonia in Barcelona (Catalonia, Spain). He is specialized in the development of high-resolution thermal and thermomechanical instrumentation focused on Smart Materials as the Shape Memory Alloys. Now he is the member of the Physical and Chemical Society in Spain, the Materials Research Society in USA and the Metallurgical Society (CIM) in Canada.

His main fields of interest are twofold. The first one, the reliability of SMA and their long time guaranteed applications (i.e., dampers in Civil Engineering) as a consequence of their physical properties. The second one relates the experimental and theoretical methods to improve the accuracy in conduction calorimeters (working as a closed or as open thermodynamic systems). He is author or co-author of over 110 scientific papers and several review papers and books usually written in French, Argentinean, German and Canadian colleagues in long time cooperative actions.

Recently published books are: B. Escudié, C. Gazanhes, H. Tachoire, V. Torra, 'Des cordes aux ondelettes; L'analyse en temps et en fréquence ... Un inverseur de l'équation de Fourier: le calorimètre à conduction' (in French), (2002), 495 pp. Univ. de Provence, Aix-en-Provence, Marseilles (France)

V. Torra, F. C. Lovey and A. Isalgue, 'Thermomechanical Aspects in Meso and Micro Scale' (pp. 1–86) in 'Shape Memory Alloys. Advances in Modelling and Applications', (2001),

V. Torra et al. Eds., Published by CIMNE – UPC, Barcelona (Catalonia, Spain).

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Dr. V. Venogupal joined the Department of Atomic Energy in the year 1971 after completing the 14th batch of BARC training School orientation course on Nuclear Science and Technology. He is currently the Head of Fuel Chemistry Division of BARC with 115 scientists and guiding Research and development in Fuel Chemistry. He is a specialist in the field of high temperature thermodynamics and chemical quality control of Pu based fuels. He had been to Nuclear Research Centre, Julich for 1 ½ years and worked on the studies of development of nickel based binary and ternary super alloys required for ROCKET Jet nozzle and turbine blades and also on the development of high intensity metal halide vapour lamps at high temperature. He is a Ph.D. guide of Mumbai University and 10 students have obtained their Ph.Ds under his guidance. He has been honoured with NETZSCH -ITAS (Indian Thermal Analysis Society) award for 2000 and a silver medal by the Indian Society for Association of Solid State Chemistry and Allied Scientists (ISCAS) for 2002 for his outstanding contributions in the field of thermal science and solid state chemistry respectively. He is presently the President of Indian Thermal Analysis, Vice President and Chairman, National Workshops of Indian association of Nuclear Chemists and Allied Scientists. He is a life member of several professional bodies such as NAARRI, ISAS, INS and Hindi Vigyan Parishad. He is presently the Editor of INS News. He has more than 120 publications in international journals of repute.

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CV. can be found in J. Therm. Anal. Cal., 55 (1999) 7.



Prof. Abhi S. Ray

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Abhi Ray graduated with a Bachelor of Science (Honours) degree from the University of Calcutta, India, where he also completed his MSc degree before moving to Australia. He then studied for his doctorate in mineral and petrochemistry at the University of New South Wales in Sydney, Australia. He was introduced to thermal analytical methods during his postgraduate study at the University of New South Wales. Following the completion of his doctoral degree he worked in the glass industry as Research Scientist (Mineralogist) in the Glass Division of one of Australia's leading glass manufacturers, ACI. During his seven years in the industry, he gained experience in a variety of inorganic building materials including glass, cements, refractories and masonry as well as in technical ceramics. In 1987, he joined the academic staff in Materials Science at the University of Technology, Sydney, where he is currently an Associate Professor in the Department of Chemistry, Materials and Forensic Science.

He has authored or co-authored more than 100 scientific papers, many of his recent publications being on thermal characterization of inorganic materials. He has been a regular reviewer of papers for publications in a number of international journals including *Journal of Thermal Analysis and Calorimetry*. His research interests are in cement chemistry, mineralogy, glass chemistry and restoration of historic stone buildings.