

New Regional Editors



Name: Manuel Anibal Varejão
Ribeiro da Silva

Place and date of birth:
Porto, 30 September, 1940

Nationality: Portuguese

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Education and scientific degrees

Degree in Chemical Engineering (University of Porto, 1965); Assistant Lecturer, Chemistry Department, Faculty of Science, Porto (Portugal) (1965–1974); Ph.D. (Chemistry), University of Surrey, U.K. (January 1974); Lecturer, Chemistry Department, Faculty of Science, Porto (1974–1978); Habilitation in Chemistry, University of Porto (1978); Associate Professor, Chemistry Department, Faculty of Science, Porto (1978–1979); Full Professor, Chemistry Department, Faculty of Science, Porto (since 1979).

Academic and administrative posts

President, General Meeting, Faculty of Science, University of Porto (1974–1977); President, Pedagogic Board of Faculty of Science, University of Porto (1974–1975); Head, Department of Chemistry of Faculty of Science, University of Porto (1974–1975); Member, Administrative Board of University of Porto Chemical Research Center (since 1975) and Head of the Board (since 1979); Dean (Director) of Faculty of Science, University of Porto (1986–1998); Member of the Senate, University of Porto (1990–2001).

Research activity

Thermochemistry of metal complexes with ligands containing oxygen, sulfur or nitrogen as donor atoms, and the calculation of bond dissociation enthalpies of the metal-ligand bonds; correlation of bond energetics with structure and reactivity.

Thermochemistry of aromatic compounds, nitrogen heterocycles, sulfur heterocycles and oxygen heterocycles, with the determination of standard molar enthalpies of formation, both in the condensed and gaseous phases; relations between energetics and structure; enthalpic increments for Group Additivity Schemes.

Determination of the vapour pressures of organic compounds at different temperatures and establishment

of correlations between the respective standard molar enthalpies of sublimation and the molecular structure for several classes of organic compounds. Computational Thermochemistry.

Publications

Over 200 papers in international scientific periodicals with peer review; Seven chapters in scientific books; Editor of one scientific book.

Awards

Diploma and Medal of Inorganic Chemistry of the Institute of the Order of Lenin, USSR Academy of Sciences (1988); Prize and Medal Ferreira da Silva, from the Portuguese Chemical Society (2002); Swietoslowski Medal, from the Polish Society of Calorimetry and Thermal Analysis (2003); Prize “Stimulus to Excellence” from the Portuguese Science and Technological Foundation, (2004); Correspondent Member of the Academia das Ciências de Lisboa, Portugal (2006).

Other professional activities

Member of the Portuguese Chemical Society (Lisboa), American Chemical Society and I.U.P.A.C; Vice-President (1978–1984) and President of the Portuguese Chemical Society (1985–1989); Editor of *Anais da Faculdade de Ciências do Porto* (1979–1992) and of *Revista Portuguesa de Química* (1984–1991); Portuguese Delegate to European Communities Chemistry Committee, (as observer from 1981 and as effective member from 1986 to 1991); Director of NATO Advanced Study Institute, “Thermochemistry Today and Its Role in the Immediate Future”, Viana do Castelo, Portugal (1982); Member of the Scientific and the Organizing Committees of many national and international conferences; Secretary of the XXVI ICC, International Conference on Coordination Chemistry, IUPAC, Porto, 1988; Chairman of the V. International Conference on Thermodynamics of Solutions of Nonelectrolytes, Porto, 1992; Chairman of the 15th International Conference on Chemical Thermodynamics, IUPAC, Porto, 1998; Chairman of the MEDICTA 2003, 6th Mediterranean Conference on Calorimetry and Thermal Analysis, Porto, 2003; Associate Member of Commission I.2 (Thermodynamics) of IUPAC (1994–1999) and Titular Member (2000–2001).

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Member of the Board of Directors of the International Association of Chemical Thermodynamics; Member of the "Advisory Board" of Journal of Chemical Thermodynamics (1994–1999) and since 2003; Elected member of the Council of FECS, Federation of European Chemical Societies (1994–1996); Scientific Coordinator of the University of Porto Chemical Research Center (since 1995); Referee of several Portuguese and International Chemistry Journals, mainly, Journal of Chemical Thermodynamics, Thermochimica Acta, J. C. S. Dalton Transactions, J. C. S. Faraday Transactions, Journal of Chemical and Engineering Data, Canadian Journal of Chemistry, New Journal of Chemistry, Journal of American Chemical Society, Journal of Organic Chemistry (ACS), Journal of Physical Chemistry (ACS), Journal of Thermal Analy-

sis and Calorimetry; Referee in several Evaluation Panels of JNICT (Portuguese National Institute for Scientific and Technological Research), FCT (Portuguese Science and Technological Foundation) and of the European Commission (Brussels); Number of Invited Plenary Lectures in International Conferences: 28. Also lectured as Invited Lecturer or Guest Visitor in Scientific Institutions in Spain, France, U.K., (the former) East Germany, F. R. Germany, Italy, Netherlands, Sweden, Greece, Poland, (the former) Czechoslovakia, USA, Japan, Brazil and Mexico.

Present position and postal address

Full Professor of Chemistry, Department of Chemistry, Faculty of Science, University of Porto, 4169-007 Porto, Portugal.



Name: A. Venkataraman

Place and date of birth:
Guntur, Andhra Pradesh, India,
10 January, 1959

Education and scientific degree:
M.Sc., Ph.D.

E-mail: raman_chem@rediffmail.com

Work places

- 1) Sardar Patel University Lecturer in Physical Chemistry during 1986–1993 (Department of Chemistry)
- 2) Gulbarga University, Reader in Physical Chemistry during 1993–2001 (Department of Chemistry)
- 3) Professor in Chemistry from 2001 onwards (Department of Chemistry) Gulbarga University
- 4) Professor and Chairman Dec., 2004 onwards (Founder Professor and Chairman) Department of Materials Science, Gulbarga University.

Main fields of interest

Materials Chemistry, Materials Characterisation through Thermal Techniques, Solid State Chemistry.

Number of publications: 50

Number of citations: 100

List of most important publications

- 1) Studies on the thermal dehydration of $\text{FeC}_4\text{H}_4\text{O}_6 \cdot 2.5\text{H}_2\text{O}$ and its molecular structure from infrared spectral data, Monoj C. Patel, Arabinda Ray and A. Venkataraman, *J. Phys. Chem. Solids*, 58(5)(1997) 749.
- 2) A New route to $\gamma\text{-Fe}_2\text{O}_3$ synthesis, A. Venkataraman, Vijay A. Hiremath, S. K. Date and S. D. Kulkarni, *Bull. Mater. Sci.*, 24 (2001) 617.
- 3) Synthesis of gamma ferric oxide by thermal decomposition of ferrous gluconate dihydrate precursor, M. M. Rahaman and A. Venkataraman, *J. Therm. Anal. Cal.*, 68 (2002) 91.
- 4) Density-functional study of Au-Cu binary clusters of small size ($n=6$): Effect of structure on electronic properties, Laxmikanth Joshi, G. Krishna Chaitanya, S. Basavaraja, K. Bhanuprakash and A. Venkataraman, *J. Molecular Structure THEOCHEM* (in press).
- 5) Novel high dielectric constant nanocomposites of

polyaniline dispersed with $\gamma\text{-Fe}_2\text{O}_3$ nanoparticles, N. N. Mallikarjun, S. K. Manohar, P. V. Kulkarni, A. Venkataraman, and T. M. Aminabhavi, *J. Appl. Polym. Sci.*, 97(5) (2005) 1868.

Professional activities

- 1) INSA-Visiting Fellowship 2000 in Materials Science, awarded by INSA, New Delhi, to work with Prof. C. N. R. Rao, JNCASR, Bangalore on GMR Materials.
- 2) COMMONWEALTH ACADEMIC STAFF FELLOWSHIP, awarded by the Commonwealth high commission in UK, for the year 1995–1996, in the field of Materials Science. Worked at Manchester Materials Science UMIST, UK
- 3) YOUNG SCIENTIST AWARD in Inorganic Chemistry section, at the XII, Indian Council of Chemists (ICC), held at Kakatiya University, Warangal, India, 1993.
- 4) FIRST PRIZE at the fourth annual Poona University Research students seminar, 1986.
- 5) Recently awarded INDO-HUNGARIAN Fellowship for research at Hungarian Academy of Sciences, Budapest (2006) by UGC New Delhi.

Membership of academic bodies

- 1) Member of Indian Council of Chemists (ICC).
- 2) Member of Materials Research Society of India (MRSI).
- 3) Member of the Institute of Materials, UK. (1996–97).
- 4) Member of Magnetic Society of India (MSI).
- 5) Member of the Association of British Council Scholars.
- 6) Member of the Society of Polymer Science, India.

Research projects handled: Three

Research projects on going: One

Present position and postal address

Professor and Ex-Chairman at the Department of Materials Science, Professor of Chemistry at the Department of Chemistry, Gulbarga University, Gulbarga – 585 106. Phone: +918472269408.

We would like to welcome the new Regional Editors

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