

New Regional Editor



Name: **Giuseppe Arena**

Place and date of birth: Enna,
March 19th, 1949

Academic title: Full Professor of
Analytical Chemistry

Nationality: Italian

Education and scientific degrees:
Classical Course, Lyceum, Enna,
Italy, 1967, Chemistry, University
of Catania, 1973

Languages: Italian, English, French
E-mail: garena@dipchi.unict.it

Professional Expertise

1973–74 Professor of Analytical Chemistry, I.T.I.S.,
Piazza Armerina, Enna, Italy

1974 Ministry of Education Grant, Istituto di Chimica
Generale, University of Catania, Catania, Italy

1976 Post-doctoral Fellowship, Chemistry Department,
University of St. Andrews, St. Andrews, Scotland, U.K.

1977–1980 Assistant Professor, Dipartimento di Scienze
Chimiche, University of Catania, Catania, Italy

1980–1986 Associate Professor of Analytical Chemistry,
University of Catania, Catania, Italy

1984 NATO Senior Scientist Thermochemical Institute,
Brigham Young University, Provo, Utah, U.S.A.

1984 Lecturer, Chemistry Department, Brigham Young
University, Provo, Utah, U.S.A.

1986 Full Professor of Analytical Chemistry, University of
Messina, Messina, Italy

1989 NATO Senior Scientist, Department of Chemistry,
Brigham Young University, Provo, Utah, U.S.A.

1990 Full Professor of Analytical Chemistry, University of
Catania, Catania, Italy

1998 Visiting Professor, Chemical Engineering Department,
Brigham Young University, Provo, Utah, U.S.A.

Society Memberships

- Italian Chemical Society, Division of Analytical Chemistry.
- Italian Chemical Society, Division of Chemistry of the
Systems and Biological Processes
- 'Cultural Heritage' Group, Division of Analytical Chemistry
- Italian Association of Calorimetric and Thermic Analysis
(A.I.C.A.T)

- Interdivisional Group of the Thermodynamic of Com-
plexes (G.T.C.)
- Calorimetry Conference
- I.U.P.A.C.

Research Interests

- Thermodynamic and Spectroscopic Studies of bio-func-
tional ligand metal complexes
- Synthesis, characterization and biological activity of
copper(II) complexes
- Speciation, in aqueous solution, of organotin(IV) con-
taining systems with ligands present in biofluids
- Model systems of metal enzymes
- Optimization of calorimetric systems
- Synthesis and characterization of new sequestering
agents
- Use of new carriers for the removal or determination of
undesired species
- Characterization and classification of archeological
samples
- Molecular Recognition Technology (MRT) (SPR, DQCM)
- Determination of trace metals

On the above-mentioned topics he has performed his
research since 1973. Prof. Arena has authored more than
80 scientific papers and published in international journals.
Number of invited Lectures and Seminars presented from
1982 up to present is 34.

The validity of his research has also had an aca-
demic recognition; in fact G. A. was awarded the Sunner
Memorial Award in 1989. This international recognition is
given by The Calorimetry Conference (U.S.A.) 'in recog-
nition of the contribution of a young scientist to thermo-
chemistry and thermodynamics'.

Professional activities

- Recipient of a NATO Senior Fellowship (1984).
- Responsible of a U.S.A.-Italy Bilateral Project (Brigham
Young University-Universita' di Messina)
- Local responsible of the national research project
'Enzymatic Models'
- Co-organizer of the Italian Association of Calorimetry
and Thermal Analysis (A.I.C.A.T.) Meeting, Catania,
Italy, 1982.

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- Co-organizer of the Italian Association of Calorimetry and Thermal Analysis (A.I.C.A.T.) Meeting, Palermo, Italy, 1987.
- Chairman of the 'Stanislao Cannizzaro' International Workshop on 'Molecular Recognition', Enna, Italy 1989.
- Chairman of the Meeting on 'Chemistry and Quality of food industry products', Catania, Italy, 1991.
- Chairman of the XXIV National Meeting of Calorimetry, Thermal Analysis and Chemical Thermodynamics, Catania, December 15th–18th, 2002.
- Recipient of a NATO Senior Fellowship, 1989.
- Member of the Board of Directors of The Calorimetry Conference, 1990–1992.
- Recipient of the Sunner Memorial Award of The Calorimetry Conference, 1989.
- Member of the Committee for University Assistant Professors, Rome, 1990.
- Member of the Committee for Full Professors, 1993.
- Member of the Editorial Board of *Thermochimica Acta*, (1994–2002)
- Member of the Editorial Board of the Journal of Inclusion Phenomena and Molecular Recognition (up to date)
- Member of the Board of Directors of the Interuniversity Consortium 'Chemistry for Environment' (up to date)
- Member of the Board of Directors of the Italian Association of Calorimetry and Thermal Analysis (AICAT) (up to date)
- Member of the Scientific Committee of the C.N.R. Talassographic Institute (Messina) Italy. (1996–2002)
- Vice-president of the Division of Analytical Chemistry of the Italian Chemical Society (1997–2003)
- Chairman of the Italian Group of Calorimetry and Thermal Analysis (GICAT-SCI), (up to date)
- Member of the Editorial Board of the Journal of Supramolecular Chemistry (up to date)
- Chairman Italian Association of Calorimetry and Thermal Analysis (A.I.C.A.T.) XXIV Meeting, Catania , Italy, 2002.

We would like to welcome you amongst the Regional Editors