

## **Brief Bio**

Born in Enna, Italy, March 19, 1949.

Laurea *magna cum laude* in Industrial Chemistry, University of Catania in 1973.

## **Academic positions**

Research assistant in 1974, University of Catania.

Post-doctoral fellow, Chemistry Dept., University of St. Andrews, Scotland (Supervisor: David R. Williams).

Lecturer in Chemistry, University of Catania in 1977.

Associate professor of Analytical Chemistry in 1982.

Chair of analytical chemistry, University of Messina, 1985.

Chair of analytical chemistry, University of Catania, 1990 up to retirement (2019)

NATO Senior Scientist, Thermochemical Institute, Brigham Young University, Provo, Utah, USA, 1984 (Supervisors: J. J. Christensen & R. M. Izatt).

NATO Senior Scientist, Brigham Young University, 1989.

Visiting Professor, Brigham Young University, 1998

## **Appointments**

Board of Directors of the Calorimetry Conference USA (1990)

Board of Directors of the Italian Association of Calorimetry and Thermal Analysis

Deputy-Chairman of the Division of Analytical Chemistry of the Italian Chemical Society (1998-2003)

Chairman of the Italian Group of Calorimetry and Thermal Analysis, Italian Chemical Society

Supervisor of the Ph.D. Course offered by the Chemistry Department, University of Catania (1997-2003)

Scientific Council of the CNR-Thalassographic Institute (Messina).

Manager of a Socrates project with Warsaw Technical University.

Chairman of the Division of Analytical Chemistry – Italian Chemical Society (2010-2013).

## **Honors & Awards**

Sunner Memorial Award, of the Calorimetry Conference (U.S.A.), Oak Ridge, Tennessee, 1989.

Medaglia Canneri, Divisione Chimica Analitica\_SCI, Sestri, 2013. AICAT-TA Instruments Award,

Udine, 2021, Career Award Division of Analytical Chemistry-Italian Chemical Society, 2022.

## **Research interests**

Thermodynamic and spectroscopic study of metal ion complexes with biological activity. Solution Calorimetry. Speciation in solution. Bio-inorganic chemistry. Supramolecular chemistry. Synthesis, characterization and speciation of new sequestering agents. Carriers for the removal/detection of species relevant to environment.

## **Selected Invited Presentations**

Several invited lectures over the last twenty years given at Universities/Institutions (Brigham Young University (U.S.A.), University of Tennessee (U.S.A.), IUPAC Conference (U.S.A.), American Chemical Society Symposium (U.S.A.), Universität des Saarlandes (Germany), University of Nagoya (Japan), Kyoto Pharmaceutical University (Japan), Kanazawa University (Japan), Kyushu University (Japan), Kazan State University (Russian Federation), University of Gdansk (Polonia), University of Porto (Portugal), Warsaw Technical University (Polonia), University of California, Berkeley (U.S.A.), CNRS-Marseille (France), ISUCT, Ivanovo, (Russian Federation), University of Cape Town (RSA), RSEQ, San Sebastian (Spain).