



Lectures and teachers 2020



Pietro Tundo

Professor of Organic Chemistry Ca' Foscari University of Venice, Italy

Lecture Title: “Reaction mechanisms and energy profiles: How Green Chemistry complies with them. The case of the Dymetryl Carbonate”

Profile

Professor of Organic Chemistry; retired on 2016, he is responsible of scientific projects on Green Chemistry at Ca' Foscari University of Venice and Coordinator of UNESCO-UNITWIN "Green Chemistry Excellence from Baltic Sea to Mediterranean Sea and Beyond". He was guest researcher and teacher at College Station (Texas, 1979-1981), Potsdam (New York, 1989-90) and Syracuse (New York, 1991-92), Chapel Hill, (North Carolina, 1995).

He is Member of the Bureau of IUPAC and Chair of IUPAC Interdivisional Committee on Green Chemistry for Sustainable Development.

P. Tundo is author of about 350 scientific publications, 40 patents.

His scientific interests are in the field of organic synthesis in selective methylations with low environmental impact, continuous flow chemistry, chemical detoxification of contaminants, hydrodehalogenation under multiphase conditions, phase-transfer catalysis (gas-liquid phase-transfer catalysis, GL-PTC), synthesis of crown-ethers and functionalized cryptands, supramolecular chemistry, heteropolyacids, safe alternatives to harmful chemicals and finally Green Chemistry for Cultural Heritage.

He is the sole author of the book “Continuous flow methods in organic synthesis” E. Horwood Pub., Chichester, UK, 1991 (378 pp.), and editor of about 20 books.

P. Tundo was President of Organic and Biomolecular Chemistry Division of IUPAC (biennium 2007-2009) and holder of the Unesco Chair on Green Chemistry (UNITWIN N.o 731). He founded and was Chairman (2004-2016) of the Working Party on “Green and Sustainable Chemistry” of EuCheMS (European Association for Chemical and Molecular Sciences).

Founder of the IUPAC International Conferences Series on Green Chemistry, he was awarded by American Chemical Society on 1983 (Kendall Award, with Janos Fendler), and by Federchimica (Italian association of chemical industries) on 1997 (An Intelligent Future). P. Tundo coordinated many institutional and industrial research projects (EU, NATO, Dow, ICI, Roquette) and was the founder and the Director of the 12 editions of the annual Summer Schools on Green Chemistry (Venezia, Italy) sponsored by the EU, UNESCO, NATO and IUPAC.