

GIANCARLO TERRANEO -CV (EDUCATION, TEACHING AND RESEARCH ACTIVITIES)

PERSONAL INFORMATION Giancarlo Terraneo (GT) (Milano, 12nd August 1975):

EDUCATION Degree in Chemistry (5 years at University of Milan – Italy) – Ph.D. in Chemistry (3 years at University of Milan – Italy – 2006 - Supervisor Prof. Anna Bernardi).

JOB POSITION GT is (since May 2021) Full Professor at the Department of Chemistry, Materials and Chemical Engineering "Giulio Natta" – Politecnico di Milano (Italy). Settore Concorsuale: 03/B2 Fondamenti Chimici delle Tecnologie e SSD CHIM/07 Fondamenti Chimici delle Tecnologie.

WORKING EXPERIENCES In 2002 GT got a national fellowship funded by Iberofar Ltd (Milano – Italy). In 2003 GT got an international fellowship from Graduate School Food Technology, Agrobiotechnology, Nutrition and Health Sciences at Wageningen University (Wageningen - The Netherland). In 2007 GT got a Post-Doctoral fellowship at the CISI (Milano - Italy). In 2007 GT got a Post-Doctoral fellowship at the Department of Chemistry, Materials and Chemical Engineering "Giulio Natta" (Politecnico di Milano, Italy). In 2008 GT was appointed as Assistant Professor and in 2014 was appointed as Associate Professor at the Department of Chemistry, Materials and Chemical Engineering "Giulio Natta" (Politecnico di Milano, Italy).

TEACHING EXPERIENCES Since 2008 GT has been Lecturer in “Fondamenti di Chimica” (7 CFU) at the School of Industrial and Information Engineering of the Politecnico di Milano and since 2019 GT has been Lecturer in "Prodotti da Risorse Rinnovabili (5 CFU).

MENTORING AND SUPERVISION Since 2008 GT has been supervisor of 20 Bachelor students, 7 Master students in Materials Engineering (Politecnico di Milano) and 7 PhD students (Industrial Chemistry and Chemical Engineering PhD Course).

RESEARCH INTERESTS AND ACTIVITIES G Terraneo’s research interests are in the field of recognition and self-assembly phenomena involving haloorganic systems addressing topics ranging from crystal engineering, structural studies through X-ray diffraction techniques, supramolecular chemistry, and crystallization methods. A major part of GT research activities/interests has been devoted: I) to design and synthesize new supramolecular structures and/or functional materials assembled by halogen bond or other non-covalent interactions, II) to structurally characterize the resulting systems by single crystal or powder X-ray diffraction study, III) to study the structure-function relationship and structure-activity relationship of the assembled functional systems.

PUBLICATIONS SUMMARY GT (h-index: 37) is co-author of 127 articles/reviews (source: Scopus) published in international journals, 1 patent (PCT) and 3 book chapters.

LECTURES AND SEMINARS GT is the presenting author of more than 60 communications at international/national conferences.

OTHER PROFESSIONAL ACTIVITIES GT is a committee member for Industrial Chemistry and Chemical Engineering PhD Course at Politecnico di Milano. GT is co-founder of Politecnico di Milano Spin-Off named "FluorIT S.r.l.". GT is referee for the several international journals in the chemistry field. GT is principal investigator in 2 national projects and participant in the POLIMI research unit in international/national projects (6). GT is university associate at the Center for Nano Science and Technology Center @ Polimi (CNST-IIT@Polimi). GT is organizer or co-organizer of international/national conferences and workshops.