



FRANCESCO GONELLA - Short bio

BS and PhD in Physics. Excellence Postdoctorale of the Government of Québec. Since 2016, Full Professor of Physics at the Department of Molecular Sciences and Nanosystems of the Ca' Foscari University of Venice, Italy. Visiting Scientist in US at Vanderbilt University and at the University of Florida. Visiting Professor for two semesters and Tokyo Institute of Technology, Japan. *High-End Foreign Expert* for the Chinese Academy of Science, lecturer of Environmental Modelling at the Normal Beijing University, China. Director of the *International School of Emergy Accounting* in Italy. Since its foundation, Director of SMAC, *Centre for the study of the systemic dynamics of complex diseases*. Member of the Executive Council of ISAER, *International Society for Advancement in Emergy Research*. Research interests have been focused in the last 15 years on Systems Thinking and Emergy (spelled with "m") theory, applied to the analysis of complex systems in different fields, ranging from ecology to biomedicine and to energy production. H-index = 45. Expert Reviewer for IPCC (*Intergovernmental Panel on Climate Change*) and IPBES (*Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*). F.G. is included in the list of the 2% most influential scientists worldwide (Elsevier BV, Stanford University 2022). He held courses or seminars on Systems Thinking at several Universities in Italy (Catania, Torino, Lecce, Bologna, Padova) and at CERN in Geneva, Switzerland.