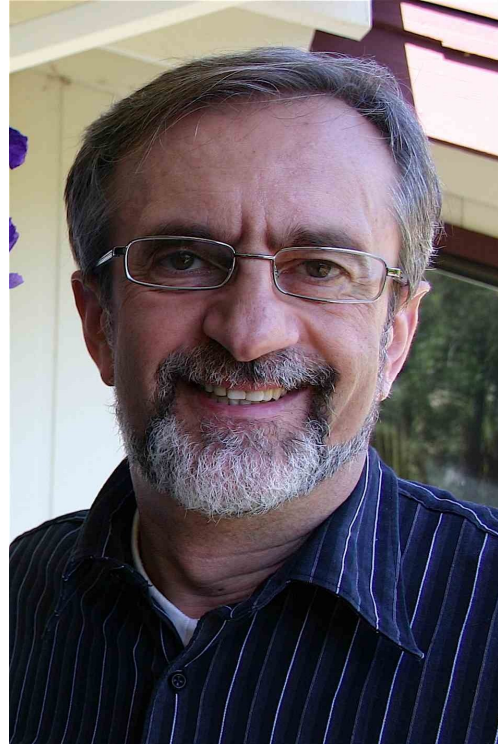


Gianfranco Minati

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Contents:

1. BIOGRAPHICAL NOTES
2. CONTACT
3. FIELDS OF INTEREST AND RESEARCH
4. PUBLICATIONS



1. BIOGRAPHICAL NOTE

Gianfranco Minati graduated in Mathematics from the University of Milan, Italy. He has switched from a position as executive in a large industrial-financial Italian group (1979-1984) to Research. He is founder and president of the *Italian Systems Society*, vice-president of the *Systems Science European Union* and doctoral lecturer at the Polytechnic University of Milan. He is author, co-author and editor of several academic publications (18 books like *New Approaches for Modelling Emergence of Collective Phenomena - The Meta-structures project*, Polimetrica, Milan, 2009; *Processes of emergence of systems and systemic properties*, editor, World Scientific, Singapore, 2008; *Dialogue about systems*, Polimetrica, Milan, 2007; *Collective Beings*, Springer, New York, 2006; *Systemics of Emergence*, editor, Springer, New York, 2006; *Emergence in Complex Systems*, editor, Kluwer, New York, 2002 and several articles). His current research interest focuses on the *Dynamic Usage of Models (DYSAM)*, *Logical Openness, modelling processes of emergence by using Meta-Structures*, and Architecture and Design as the *design of social meta-structures* to influence processes of emergence in social systems. He is

- Doctoral lecturer at the Polytechnic of Milan/Department 'Building Environment Sciences and Technology' <http://webhosting.polimi.it/tpqa/indexeng.htm> ;
- Founder and president of the Italian Systems Society (AIRS), Milan, Italy, <http://www.airs.it>;
- Vice President of the Union Européenne de Systémique (UES), Paris, France, <http://www.afscet.asso.fr/> ;
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2. CONTACT

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3. FIELDS OF INTEREST

Theoretical issues on Systems Science, such as: Logical Openness, Collective Behaviour, Emergence, Ergodicity, Dynamic Usage of Models, Multiple-Systems and Collective Beings.

Current research projects relate to

- Experimenting “Meta-structure in collective phenomena - Methodologies for *modelling and managing* processes of self-organisation and emergence”;
- Architecture and Design as the design of meta-structures to influence processes of emergence in social systems. *Self-architecture*: influences of Architecture on social systems and influences of social systems on Architecture;
- Establish a managerial culture consistent with science of complexity. Management for corporations, medicine, families, schools;
- The hypothesis of the *BioCognitiveConverter* (BIOCC). When matter starts to suffer, desire, and enjoy. The becoming turns in thinking. Life beyond Maturana and Varela. From non-living to living matter with acquisition of emergent properties through meta-structures?

4. PUBLICATIONS

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