

Gregoire Nicolis

1939 - 2018

Born : Athens, Greece

September 11, 1939



Education

Electrical Engineering, National Technical University of Athens (1962)

Graduate degree in Theoretical Physics, University of Brussels (1963)

Ph. D. in Physics, University of Brussels (1965)

Fields of research

The research of G. Nicolis extends to the broad areas of Nonlinear Dynamics, Complex Systems, Irreversible Phenomena, Thermodynamics and Statistical Mechanics.

Academic

- Professor at the Université Libre de Bruxelles (1968-2004)
- Director of the service de Chimie Physique (1988-2004)
- Founder and director of the Interdisciplinary Center for Nonlinear Phenomena and Complex Systems, Université Libre de Bruxelles
- Since 2004 Professor Emeritus, Université Libre de Bruxelles
- Associate member of the Classe des Sciences of the Royal Academy of Belgium
- Member of the European Academy of Sciences
- Member of Academia Europaea
- Corresponding member of the Academy of Athens
- Honorary professor of the Faculty of Science of the University of Chile
- Corresponding member of the Academy of Sciences of Chile

Publications

G. Nicolis authored four books, about 300 papers published in international scientific journals, and was editor of thirteen collective volumes.

Books:

1. G. Nicolis and I. Prigogine, "Self-Organization in Nonequilibrium Systems", Wiley, New York (1977).
Translated in : Russian, Japanese and Italian.
2. G. Nicolis and I. Prigogine, "Exploring Complexity", Freeman, New York (1989) ; German edition "Die Erforschung des Komplexen", Piper, Munich (1987); also translated in Chinese (1986), Italian (1991) and French (1992).
3. G. Nicolis, "Introduction to Nonlinear Science", Cambridge University Press, Cambridge (1995).
4. G. Nicolis and C. Nicolis, Foundations of Complex Systems: Nonlinear Dynamics, Statistical Physics, Information and Prediction, World Scientific (2007).