

Curriculum Vitae: Nicola Bellomo - <http://staff.polito.it/nicola.bellomo>

Present academic and research position: Professor (from 1980), Chair of Mathematical Physics and Applied Mathematics, Politecnico of Torino, Italy. Emeritus from 2015. Non resident Fellow of “Collegio Carlo Alberto” Torino.

Field of scientific interest: Mathematical kinetic theory, nonlinear partial differential equations, mathematical tools toward modeling complex systems

Academic, National and International Boards

Member of the Governing Board of the Istituto Nazionale di Alta Matematica (I.N.D.A.M.) (2003–2006).

President of the Italian Society of Industrial and Applied Mathematics (S.I.M.A.I.) (from 2009).

Member of the Board of Trustees of the European Mathematical Society.

Scientific Direction of EC Programs (Recent):

- Research Training Network: Modeling, mathematical methods and computer simulation of tumour growth and therapy (2004–2007) (**Coordinator of the European Network**).
- Health - Collaborative Large-scale project: FP7, No 202047. - 2008 - Resolve Chronic Inflammation and achieve healthy ageing by understanding non-regenerative repair (**WP Coordinator**).
- Safety Call - Collaborative Integration Project: FP7 - eVACUATE - An end-to-end situational awareness, guidance and evacuation system for large crowds.
- Simulation Platform for the Analysis of Crowds Behaviour in Urban Environments with Training and Predictive Capabilities “SAFECITY” FP7.

Distinguished Lectures (recent):

- Shanks Lecture at Vanderbilt University, May (2009), “Modeling the Immune Competition”.
- “Luis Santaló” (2013), Santander, SPAIN: Mathematics of Planet Earth Scientific Challenges, Lectures on “Complex Systems”.
- Imperial College Lecture on “Crowd and Social Dynamics”
- Special Lecture at Oberwolfach Workshop (2014) “Mathematical Models for Cancer Cell Migrations”.

Editor in Chief of Journals:

Journal: Mathematical Models and Methods in Applied Sciences (From 1991, with Franco Brezzi);

Journal: European Mathematical Society: Surveys in Mathematical Sciences (From 2013 to 2017);

Books: Author of 10 books from **Mathematical Topics in Nonlinear Kinetic Theory - The Boltzmann Equation**, World Scientific, (1988), (*with A. Palczewski and G. Toscani*); to **A Quest Towards a Mathematical Theory of Living Systems**, Birkhäuser-Springer, (2017), (*with A. Bellouquid, L. Gibelli and N. Outada*).

TOP Italian Scientists: <http://www.topitalianscientists.org>

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