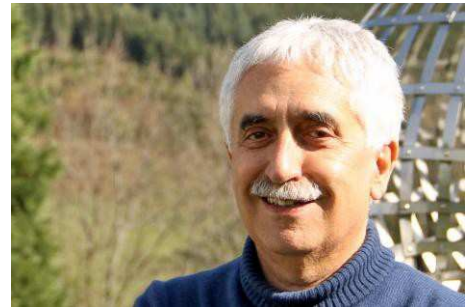


NICOLA BELLOMO

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Curriculum Vitae

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

Present research position: SiTI - Istituto Superiore sui Sistemi Territoriali per l'Innovazione, and Politecnico di Torino, Italy.

Present university position: (Professor (from 1980), Chair of Mathematical Physics and Applied Mathematics, Politecnico of Torino, Italy. Retired by November 1, 2013). Distinguished Fellow King Abdulaziz University, Jeddah, Saudi Arabia.

Field of scientific interest: Mathematical kinetic theory, 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 \SAFECITI" FP7.

Distinguished Lectures (recent):

- Shanks Lecture at Vanderbilt University, May (2009), Modeling the Immune Competition".
- "Luis Santalò" (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, with Simon Salamon);

Books: Author of 8 books from **Mathematical Topics in Nonlinear Kinetic Theory - The Boltzmann Equation**, World Scientific, (1988), (with A. Palczewski and G. Toscani); to **Complex Systems and Society - Modeling and Simulation**, Springer Briefs in Mathematics, Springer, (2013), (with G. Ajmone Marsan, and A. Tosin)

Papers: Author of about 150 papers in the international literature. **TOP Italian Scientists:** <http://www.topitalianscientists.org> **Highly Cited, Most Influential Minds 2014**

<http://sciencewatch.com/sites/sw/files/sw-article/media/worlds-most-influential-scientific-minds-2014.pdf>

Are di Interesse Scientifico

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Mathematical methods for multiscale problems: from microscopic to macroscopic scales

Mathematical tools for living, hence complex" systems Modeling Tra±c, Crowds and Swarms

Modeling the Immune Competition.