

Gianni Arioli - Curriculum Vitae

Personal information

Gianni Arioli
Place and date of birth: Milano, March 29, 1966
Nationality: Italian
Address: Dipartimento di Matematica, Politecnico di Milano,
piazza Leonardo da Vinci 32, 20133 Milano
Tel. office: 0223994510
E-Mail: gianni.arioli@polimi.it

Present appointment

- Title of appointment: Full Professor in Mathematical Analysis
- Start of appointment: 2015
- Employer: Politecnico di Milano

Education

- Degree (Laurea) in Physics, Università di Milano, 1990
- PhD in Mathematics, Università di Milano, 1996

Teaching experience

- 1997-2002: courses in Mathematical Analysis and Mathematical Physics at the Università del Piemonte Orientale
- 1999: one course in Linear Algebra and one course in Differential Equations at the Georgia Institute of Technology, Atlanta, USA
- 2002-today: courses in Mathematical Analysis, Numerical Analysis, Linear Algebra, Differential Equations, Optimization, Mathematical Methods for Engineering (mathematical analysis, numerical analysis and statistics), Computer laboratory at the Politecnico di Milano

Previous professional experience

- January-May 1992 PhD student in Physics at Rutgers University (USA)
- March-November 1996 Post-doc in Mathematics at the University of Stockholm (Sweden)
- November 1996-June 1997 Post-doc in Mathematics at the University of Milano
- July 1997-October 2002 Assistant Professor (Ricercatore) in Mathematical Analysis, Università del Piemonte Orientale
- March 1999 - June 1999: Visiting Assistant Professor at the Center for Dynamical Systems and Numerical Studies, Georgia Institute of Technology (USA)
- November 2002-December 2004: Assistant Professor (Ricercatore) in Mathematical Analysis at the Politecnico di Milano.
- January 2005-January 2015: Associate Professor in Mathematical Analysis at the Politecnico di Milano.
- 2008-2010 Collaboration with Altran spa to create a model and write a software to compute the thermodynamics of multiphase hydrocarbons flowing in pipelines
- 2011-2014 Collaboration with ENI spa to create computer simulations of multiphase flows in pipelines, using the softwares Matlab and OpenFoam.

Language competence

Italian (mother tongue)
English (C2)
German (B2)
French (B1)

February 17, 2015