

Andro Mikelić
Professor, Institut Camille Jordan,
Département de Mathématiques,
Université Lyon 1, France

a. Professional Preparation

University of Zagreb, Croatia	Mathematics	B.S.	1979
University of Zagreb, Croatia	Applied Mathematics	M.S.	1981
University of Zagreb, Croatia	Applied Mathematics	Ph.D.	1983
Imperial College London and Univ. of Sussex	Applied Mathematics	Postdoc	1986/87

b. Appointments

Fall 2011-present	Full Distinguished Professor, Université Lyon 1, France
2000-2011	Full Professor, Université Lyon 1, France
2011-2013	W. Romberg Guest Professorship, Universität Heidelberg, Germany
2013 Spring	Visiting Scientist, ICES, Univ of Texas Austin
2018/2019 Spring	Visiting Professor, Maths Dept, Università di Firenze
2018/2019 Spring	Visiting Professor, Darcy Center Univ. Eindhoven/Utrecht
2017/2018 Spring	Visiting Professor, Darcy Center Univ. Eindhoven/Utrecht
2014-2017 Spring	2-months visits to The Univ of Texas Austin/ICES
2012 Fall	Visiting Professor to Univ Eindhoven and Univ Heidelberg
2009-2012 Spring	1-month visits to The Univ of Texas Austin/ICES
2008 Spring	1-month visit to Math Institute, Academy Sciences, Prague,
2007 Spring	1-months visits to the Univ of Houston and Univ of Texas Austin
2006 Spring	Visiting Professor, Univ. Eindhoven, Netherlands
2005 Fall	Visiting Professor, Univ Heidelberg, Germany
2003-2007 Spring	1-months visits to the Univ of Houston, TX
2002-2006	Vice Chairman of the Faculty of Mathematics, Univ Lyon 1
1997, 2004, 2010	1-months visits to the Univ of Heidelberg, Germany
1992-2000	Associate Professor, Faculty of Mathematics, Univ Lyon 1
1998 Fall/ 1999 Spring	Visiting Professor, Univ Heidelberg, Germany
1991 Fall	Fulbright Scholar, Univ Oakland, Rochester USA
1990 - 1992 Fall	Senior Scientist, Ruder Bošković Institute, Zagreb, Croatia
1984- 1989	Research Associate, Ruder Bošković Institute, Zagreb, Croatia.

c. Products

See <https://scholar.google.com/citations?user=T2fX7akAAAAJ&hl=fr>

d. Recent funding history (active within the past 5 years)

2018-2021: IDEX Breakthrough project at Université de Lyon (co PI- math part)

"Particles drifting in turbulent flows"

2013-2016: NEEDS-CNRS (single PI)

"DYMOM: From molecular dynamics to macroscopic models using homogenization"

2012-2014: French-German Carnot-Fraunhofer project FPSI-Filt (co-PI French side)

`` Modeling of fluid interaction with deformable porous media with application to simulation

of processes in industrial filters "

e. Selected Honors and Awards

June 2014: Appointed corresponding member of the Croatian Academy of Sciences and Arts.

2012: Awarded the Interpore Procter and Gamble Award for Porous Media Research.

2011: Awarded the W. Romberg Guest Professorship at the Universität Heidelberg.

f. Synergistic Activities

1. Participation in the collaboration projects between ICES, Univ of Texas Austin and DOE-NETL, ConocoPhillips and Statoil, on the modeling and computation of the hydraulic fractures spreading. Co-authored publications, which appeared not only in mathematical literature, but gave rise to software development.
2. Participation in the French national research program MOMAS (Mathematical Modelling and Numerical Simulation for Nuclear Waste Management Problems), 2002-2011, as a co-PI.
3. Participation in the development of the mathematical models for thin poroelastic bodies (plates and shells) as a part of the project Carnot-Fraunhofer project FPSI-Filt 2012-2014.
4. Served as Vice Chairman of the Faculty of Mathematics, Univ Lyon 1, 2002-2006.