

El Maati OUHABAZ

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Biographical information:

Date and place of birth: January 1st, 1965 Ksiba (Morocco)
Citizenship: Moroccan and French
Married to Zohra Ouhabaz, we have three children: Nora, Ilias and Sofia.

Education:

May 1988 Diploma "Maitrise" of Mathematics at University of Marrakech (Morocco)
June 1989 Diploma "D.E.A." of Mathematics at University of Besançon (France)
June 1992 Ph.D. in Mathematics at University of Besançon
January 1999 Habilitation Degree in Mathematics, University of Marne-La-Vallée.

Positions:

October 1989 - June 1992: Assistant at the University of Besançon
October 1992 - December 1993: Research Associate at the University TU Berlin and
Max-Planck Arbeitsgruppe at the University of Potsdam
December 1993 - September 2000: Maitre de Conférences (Associate Professor) at the
University of Marne-la-Vallée
Since September 2000: Professor at the University of Bordeaux.
Promoted to the "première classe" on May 2006 and
to the "Classe exceptionnelle I" on May 2013 and to the
"Classe exceptionnelle II" (the highest level
in France) on June 2017.

Main Responsibilities:

- Member of the Scientific Council of the National Institut of Mathematics and Their Interactions-INSMI-CNRS (since January 2019).
- Coordinator of ANR project RAGE "Real Analysis and Geometry" 2019-2023.
- Scientific delegate at the HCERES (Haut Conseil pour l'Evaluation de la Recherche et de l'Enseignement Supérieurs) 2015-2018. I was in charge of the evaluation (for the research part) of the Departments of Mathematics in France.
- Membre of the "Conseil Scientifique" at University Bordeaux 1 for six years until 2013 and then member of the "Conseil de Département Sciences et Technologie" up to 2018.
- Deputy-Director of the "Institut de Mathématiques de Bordeaux" from 2010 to 2014.
- Head of the "Analysis and Geometry" group, Institut de Mathématiques de Bor-

deaux from 2007 to 2010 (a group of about 35 people).

- Head of the network "GDR 2753, Analyse Fonctionnelle et Harmonique et Applications" from 2004 to 2008. This network of about 110 people from 15 universities in France was funded by the CNRS.
- Deputy-Director of the "Laboratoire Bordelais d'Analyse et Géométrie" CNRS-UMR 5467 from 2002 to 2006.

Distinction:

Member of the Academy of Science and Technology, Morocco (membre correspondant) since 2013.

Research interest

- My research interest is functional analysis, harmonic analysis, geometry, evolution equations and spectral theory.

- I have published 1 book (Princeton University Press) and 69 research papers, some of them are published in Journals such as: Journal of Functional anal., J. Anal. Math., Duke Math. J., Transactions of the AMS, J. London Math. Soc, Advances in Diff Eqs, Revista Math Iberoam, Math. Ann., ...

- I have supervised seven PhD students and three Post-doc students. They worked on subjects in Harmonic Analysis, Partial Differential Equations or Geometry:

- Cesar Poupaud (from France) worked on maximal regularity,
- Joyce Assad (from Lebanon) worked on Riesz transforms for Schrödinger operators,
- Sofiane Akkouche (from France) worked on spectral theory of discrete Schrödinger operators,
- Jocelyn Magniez (from France) worked on the Hodge-de Rham Laplacian on Riemannian manifolds,
- Mahdi Achache (from Algeria) worked on Lions's maximal regularity problem for time dependent evolution equations,
- Duc-Trung Huang (from Vietnam) worked on control theory for partial differential equations with time dependent coefficients.
- Thomas Cometx (from France) is working on harmonic analysis on manifolds.

- Supervision of Post-docs: Chiara Spina (from Italy), Peng Chen (from China) and Sebastian Bechtel (from Germany).

- Supervision of a large number of Master Thesis for students originally from France, Morocco, Tunisia, Algeria, Vietnam,...

- I gave talks at many international conferences and had research visits to many countries including Australia, New-Zealand, China, Japan, Morocco, Algeria, Tunisia,

USA, Finland, Italy, Germany, Slovenia, UK, Spain and Poland.

Editorial work: I act as a member of the Editorial board of:

- Journal of Evolution Equations, Springer.
- Moroccan Journal of Pure and Applied Analysis, De Gruyter.
- Frontiers in Sciences and Technology International Journal, edited by the Hassan II Academy of Sciences and Technology.