Idriss BOUTAAYAMOU

Employment

Since Novembre 20015 : **Assistant Professor** of Mathematics, University of Agadir, Polydisciplinary faculty of Ouarzazate.
Since January 20019 : **Coordinator** of the Mathematics and Informatics branch.

Education and studies

20010-2014: **PhD Thesis** under the supervision of Prof. L.Maniar. Title : « Inverse problems and Observability for degenerate parabolic systems » at Marrakesh University, Morocco.

July 2009: **Master Degree** in "Applied Mathematics and Modelisation", at Marrakesh University, Morocco. Grants received: Fellowship of National Educational Ministry, Morocco, Two years grant 2009-2010.

July 2007: **Bachelor Degree** in "Mathematics and Applications", at Marrakesh University, Morocco.

June 2003: **Baccalaureat** in "Mathematics ", at Lycée Mohamed VI Ouarzazate Moroccco.

List of Publications

- **Atifi, K., Boutaayamou, I., Ould Sidi, H., and Salhi, J.** (2018). *An Inverse Source Problem for Singular Parabolic Equations with Interior Degeneracy.* In Abstract and Applied Analysis (Vol. 2018). Hindawi.
- **I.Boutaayamou, G.Fragnelli, L.Maniar** « *Carleman estimates for parabolic equations with interior degeneracy and Neumann boundary conditions* », JOURNAL D'ANALYSE MATHEMATIQUE, Vol. TBD (2018) DOI 10.1007/s11854-018-0030-2.
- **I. Boutaayamou, Y. Echarroudi** « *Null controllability of population dynamics with interior degener-*

acy », Electron. J. Differential Equations, 2017(2017), No. 131, pp. 1-21.
- **I. Boutaayamou, J. Salhi** « *Null controllability for linear parabolic cascade systems with interior degeneracy* », Electron. J. Differential Equations, 2016(2016), No. 305, pp. 1–22.
- **I. Boutaayamou, A. Hajjaj, L.Maniar** « *Lipschitz stability for degenerate parabolic systems* », Electron. J. Differential Equations, 2014(2014), No. 149, 1-15.
- **I.Boutaayamou, G.Fragnelli, L.Maniar** « *Lipschitz stability for linear parabolic systems with interior degeneracy* », Electron. J. Differential Equations, 2014(2014), No. 167, 1-26.
- **I.Boutaayamou, G.Fragnelli, L.Maniar** « *Inverse problems for parabolic equations with interior degeneracy and Neumann boundary conditions* », J. Inverse Ill-Posed Probl. DOI: 10.1515/jiip-2014-0032.

Visits and Training

- Training of 2 weeks in Laboratoire MISI, FST de Settat, invited by Pr. Abdelkrim HAJJAJ, between 16 and 30 june 2014.
- Training of 3 months at Laboratoire Jean Leray, université de Nantes, invited by Pr. Abdeljalil Nachaoui betwwen 15/11/2012 and 14/02/2013.
- Training of one month at Laboratoire Jacques-Louis Lions, Université Pierre et Marie Curie-Paris VI. invited by Pr. Muriel Boulakia between the first and 31 april 2012.

Research's activities

- Reviewer for Nonlinear Analysis: Real World Applications. And for Ain Shams Engineering Journal.
- Communication titled Cost of approximate controllability of heat equation with dynamic boundary conditions at « La 6ème journée des Sciences de l'Ingénieur » Faculté des Sciences Ain Chock. Casablanca-Maroc, 28 April 2018.

- Communication titled "Problèmes inverses pour certains Systèmes Paraboliques" at « La journée Sciences de l'Ingénieur » Faculté des Sciences Ben M'Sik. Casablanca-Maroc, 6 July 2013.

- Communication titled "Problèmes inverses pour certains Systèmes Paraboliques" at the 3ème Conférence Internationale de la société Marocaine de Mathématiques Appliquées, 10-13 September 2012, Marrakech-Maroc.

- Participant and organizer of the 9th Workshop Euro-Magrebien on evolutionary equations at Marrakech between 22 and 26 September 2014.

- Communication at Demnate, Journées scientifiques du Laboratoire de Mathématiques et dynamiques des Populations du 26 au 27 Mai 2012.

- Participant at PICOF'12 « Inverse Problems, Control and Shape Optimization », at Ecole Polytechnique Palaisseau cedex France, 2-4 April 2012.

- Contribution par Poster dans la Conference organisée par " Alexander von Humboldt Kolleg " intitulée "New prospects and challenges for science and education in the MENA region" Marrakech du 9 au 11 Mars 2012.

- Rencontre scientifique de UMI-UMMISCO (unit 209 IRD and UPMC) organisée par le Laboratoire de Mathématiques et dynamiques des Populations du 22 au 24 Fevrier 2012.

- Participant at the 5th Workshop of the Modelisation, Analysis and Controle of systemes (macs-5) Tanger Morocco 16-17 November 2011.

- Participant at Ecole CIMPA Monastir Tunisie, thème " Control and stabilization of Partial Differential Equations" du 9 au 19 Mai 2011.

- Les journées du Laboratoire de Mathématiques et dynamiques des Populations organisées à Marrakech le 25-26 Juin 2010.

- Ecole CIMPA-UNESCO Marrakech Maroc du 10 au 23 Mai 2009.