

# CURRICULUM VITÆ

## Personal Informations

- Name : Faten LABASSI
- Date of birth : 30-03-1984
- Citizenship : Tunisian

## Mail Address

- E-mail : `fmlabassi@imamu.edu.sa`

## Appointments

- Since August 2019 : Assistant Professor, Imam Mohamad Bin Saud Islamic University.
- September 2013 -August 2019 : Assistant Professor, University of Tunis El Manar Faculty of Sciences of Tunis, Laboratory LATAO.
- September 2009 - August 2013 : Contractual Assistant, University of Tunis El Manar Faculty of Sciences of Tunis, Laboratory LATAO.

## Main Themes of Works

- Configuration Spaces.
- Group actions on closed manifolds and CW-complexes.
- Cobordism theory.

## Education

- 2009-2013 : **PHD Thesis** : Defended on December 2013.  
Title "*Geometry and topology of diagonal arrangements*", supervised by Pr. Sadok Kallel (University of Lille 1, France) and Pr.Dorra Bourguiba (University of Tunis El Manar Faculty of Sciences of Tunis) .
- 2009 : **Master :Group actions on manifolds.**  
University of Tunis El Manar Faculty of Sciences of Tunis
- **Bachelor's degree in Mathematics,**  
University Tunis El Manar, Faculty of Sciences of Tunis.

## Languages

Arabic, French, English.

## Papers

1. "*Sur les diagonales épaisses et leurs complémentaires*", F. LABASSI, Journal of Homotopy and Related Structures, 2015.

## Books

1. "*Actions de groupes sur les variétés et les CW-complexes mentaires*", F. LABASSI, Editions Universitaires Européennes, 2016.

## Communications

- 2009 : Laboratory LATAO, Faculty of Sciences of Tunis.
  - On the simplicial homology.
  - On the immersions conjecture. .
- 2010 : Laboratory LATAO, Faculty of Sciences of Tunis.
  - On the immersions problem and the cobordism.
  - Introduction to the obstruction theory.
- 2011 : Laboratory LATAO, Faculty of Sciences of Tunis.
  - The cap product and the intersection product.
  - "String topology".
  - The BV operator.
- 2012 : Laboratory LATAO, Faculty of Sciences of Tunis.
  - Introductions to the Fat diagonals 1.
  - Introductions to the Fat diagonals 2.
- 2012 : At the PhD students' day at MIMS institute : "Configuration spaces and generalities".
- 2012 : At the American University of Sharjah (Emirates) : "On the topology of configuration spaces and analogs".
- 2013 : Laboratory LATAO, Faculty of Sciences of Tunis.
  - Introduction to the representation theory 1.
  - Introduction to the representation theory 2.
- 2014 : Laboratory LATAO, Faculty of Sciences of Tunis.
  - On CW-complexes.
- 2014 : At The Tunisian Mathematic Society SMT : "Configuration spaces and combinatorics".
- 2020 : Imam Mohamed Bin Saud Islamic University, "Introduction to configuration spaces and fat diagonals"

## Seminars, schools, Research stages

- Oberwolfach Mathematics Institute (Germany) ,2010.
- Louvain La Neuve (Belgium), 2010.
- University of Lille 1 (France) 2010, and 2011.
- The research school GGTM ,Rabat (Morocco), 2014.

- The American University of Sharjah (Emirates)2012.
- The King Abdullah University of Science and Technology KAUST (Saudi Arabia) 2016.