

Najeh THABET MLIKI

Professor

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Faculty of Science of Tunis
Laboratoire Matériaux Organisation
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Education

1993 **PhD**, University of Toulon-Sud Var, France, Materials Physics

2002 **Habilitation**, Faculty of Science of Tunis, University of Tunis El Manar, Physics

Employment

1989 – 1994 **Associate**.

1994 – 2002 **Associate Professor**, FST, University of Tunis El Manar.

2002 – 2007 **Lecturer**, FST, University of Tunis El Manar.

Since 2007 **Full Professor**, FST, University of Tunis El Manar.

Teaching activities

Master's degree:

Electron microscopies (SEM, TEM, HRTEM) and related analysis methods (EDX, EELS),

Introduction to Nanoscience,

Investigations Methods and analysis,

Magnetism and Nanomagnetism

Surfaces and interfaces & crystal growth mechanism

Bachelor's degree

Electricity, Analogic Electronics, Mechanics, Optics, Electromagnetism, Introduction to Quantum

Mechanics, Relativity, Wave physics, Thermodynamics, Matter Properties (electric, elastic and magnetic properties), Crystallography, and Statistic Physics.

Invited Professor, University of Sud Toulon-Var France (June 2010 & Oct. 2011)

Invited Professor, University of Paris-Est, France (April 2012 & May-June 2014)

Invited Professor, University of Antwerpen, Belgium (April 2014)

Publications

112 peer-reviewed articles,

16 invited conferences,

More than 50 talks at international conferences,

Supervisor of 18 Thesis

Scopus H index: 20

Google Scholar, H index 21, i10 index: 48

<https://www.scopus.com/authid/detail.uri?authorId=55961587400>

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

Professional & scientific activities

Head of the Laboratory Materials Organization and Properties (Laboratoire Matériaux, Organisation et Propriétés (LMOP, LR99ES17), FST, UTM since 2018.

President of « Comité National d'Evaluation des Activités de recherche Scientifique (CNEAR) » 2023-2024

Vice President of Pan African Physical Society.

Member of International Union of Pure and Applied Physics (IUPAP) C9 Commission (Magnetism) (2021-2024, and 2024-2027): <https://iupap.org/who-we-are/internal-organization/commissions/c9-magnetism/c9-commission-members/>

Coordinator of “Nanophysics and Nanotechnology” Master Degree

Member of the National (Bachelor, Master & PHD) Commission for Physics (Commission sectorielle)

Member of the jury of the Aggregation in physics

Member of Scientific Council of the Faculty of Science of Tunis (2017-2024)

Member of Scientific Council, Centre de Recherche en Microélectronique et Nanotechnologies, Technopole de Sousse (CRMN), 2014-2022.

Former professional activities

President of recruitment National commissions of MC (Associate professors) in Physics (current)

Member of recruitment National Commissions of Professors in Physics (2015-2017)

Vice Dean of the Faculty of Science of Tunis (2014-2017)

Scientific expert evaluator for laboratories in physics (2015, 2019)

Member of recruitment National commissions of MC (2013-2015)

President of the Tunisian Physical Society (2010-2015)

Vice President of the Tunisian Physical Society (2015-2018)

Member of IUPAP C10 Commission (Structure and Dynamics of Condensed Matter), (2011-2014 and 2014-2017)

Coordination & Cooperation Projects

*PAQ-DGSE project (Faculty of Science of Tunis), **Member***

PHC-Utique Project networking ref. 14/G 1408 (2021-2023), **Member**

Couplage magnétoélectrique dans des structures hybrides ferromagnétiques-ferroélectriques

Research & Development Project Tuniso-Marocain ref. 20/PRD-23 (2020-2023)

*Nanomatériaux Multifonctionnels pour l'Energie et l'Environnement (NanoFor2E), **Coordinator***

Projet de Recherche Fédérée PRF2019-D4P2 (2019-2021)

*Nanomatériaux appliqués à l'environnement (EnviNanomat), **Coordinator***

PHC-Maghreb Project, ref. 15MAG07 (2015-2018)

*Nouveaux matériaux en vue d'applications dans le domaine de l'énergie, **Coordinator***

PHC-Utique Project networking ref. 11/G 1301 (2011-2014)

*Nanomatériaux multifonctionnels : élaboration, caractérisation et propriétés physiques, **Coordinator***

Exchange Action DGRST-CNRS project, ref. : 12/R 13-01 (2012-2014)

*A la recherche de nouveaux Matériaux pour l'Energie, **Coordinator***

PHC-Utique project, ref. 06/S 1309 (2006-2010)

*Matériaux nanostructurés; élaboration caractérisation et propriétés physiques, **Coordinator***

Exchange Action DGRST-CNRS project, ref. 01/R1208 (2001-2002) ; *Corrélation microstructure et propriétés optiques dans le silicium nanocristallin; applications aux cellules solaires, **Member***

PCSI- AUF Project with the University of Transilvania Brasov, Romania (2011-2013), **Coordinator**