

CURRICULUM VITAE

Family Name: **SAID**
First name: **Moncef**
Date & Place of Birth: 10 January 1955 Ghedabna, Tunisia
Nationality: Tunisian
Marital Status: Married, two children
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- **Google scholar:** <https://scholar.google.com/citations?user=idE4uRAAAAAAJ&hl=fr>

H-index: 22

Languages: Arab, French, English and German (elementary).

Education:

- PhD: Doctorate of Science "*Doctorat d'Etat*", University of Paris 7, Paris, France (**1987**).
- Doctorate in solid state physics "*Doctorat 3^{ème} cycle*", University Paul Sabatier (UPS), Toulouse, France (**1983**).
- Master of Advanced Studies "*D.E.A*" solid state physics, UPS, Toulouse, France (**1981**).
- Master in physics "*Maitrise*", Faculty of Sciences Tunis, Tunisia (**1980**).

Employment record:

- **2001-** Professor of Higher Education (*Full professor*), Faculty of Sciences of Monastir.
- **1996-98:** Lecturer in physics (MC) at the higher school of sciences & technologies of Tunis.
- **1994-96:** Associate professor (MA), IPEIM, University of Monastir, Tunisia.
- **1983-87 :** Assistant professor "*Assistant Associé*", Universities Paris 6 & 7, France.

Post-doctoral activities:

- **1998-2005:** Regular associate membership at AS-ICTP, Trieste, Italy.
- **04/94 to 12/94:** Physics department, University of Modena, Italy: Visiting Scientist.
- **11/93 - 03/94:** ISEN, Lille, France: Visiting Scientist.
- **1991-93:** Institute of physics, University of Aarhus, Denmark: Senior Research Scientist.
- **1990-91:** Atomic research Center, Saclay (Paris), France: Scientific collaborator.
- **1987-89:** Fritz Haber Institut der Max Planck Gesellschaft, Berlin, R.F.A: Fellow of the Alexander von Humboldt Foundation and the Max Plank Company.

Visiting professor:

- **11/2014:** Institute of Advanced Studies (IAS) University of Cergy Pontoise, France.
- **03/2014:** School of Engineering "ENSM" Besançon, France.
- **03/2012:** University of Paris 11, Orsay, France.
- **03-04/2011:** University of Paul Sabatier, Toulouse, France.
- **03/2010:** University of Paul Verlaine, Metz France.
- **03-04/2004:** University of Franche Comte, Besançon, France.
- **06/2003:** University Marseille, Luminy, France.

International collaborations:

- CINaM, Mediterranean University, Marseille, France.
- LPTM, University of Cergy-Pontoise, Paris, France.
- Theoretical Physics and Chemistry Laboratory (LPCT), Nancy, France.
- Institute of Physics and Chemistry of Materials (IPCMS), Strasbourg, France.
- ISEN, Lille, France.

Academic activities & Responsibilities:

- **1999-2011:** Director of the laboratory solid state Physics Monastir, Created on 1999.
- **2011-:** Director of the laboratory of Condensed Matter and Nanosciences, Monastir.
- **2002-2005 & 2008-2011:** Member of the scientific council, Faculty of sciences of Monastir.
- **2005-2008 & 2014-2017:** Member of the scientific council, University of Monastir.
- Member of the Tunisian national committee of Associate professor Recruitment (**2010, 2011, 2014, 2015, 2016 & 2017**).
- Member of the Tunisian national committee of Lecturer Recruitment (**2020 & 2022**).
- **2010-2021:** Director of the Master (MSA) “Materials, Nanostructures and Electronic Microsystems”, University of Monastir.
- **2013-2022:** Member of the National Sectoral Committee of Physics for the evolution.

Teaching experience:

1. Postgraduate studies (Master Courses):

Since 1999 - Solids States Physics - Electronic structure theory - Electronic states and properties of reduced dimensionality systems - Physics of Semiconductors

2. Undergraduate studies (basic physics):

Since 1983 - Mechanics – Electronics – Optics - Electrostatic – Magnetostatic – Electrokinetics – Electromagnetism - Thermodynamics – Relativity

Scientific production and Supervision activities:

My research activities have led to:

- Supervision of twenty (**22**) **PhD** doctoral theses in physics.
- Defense of twenty-five (**30**) Master of Advanced studies (MAS) internships.
- **190** publications in impacted international journals.
- **50** participations in international and national conferences, including **10** invited conference talks and co-organization of **07** international conferences.

Research activities:

➤ **Keywords:**

Electronic Structure, Computational Materials Science, Ab Initio Calculations, Photocatalytic water-splitting, Quantum Dots, Optoelectronics, Nanomaterials, Device Modelling, 2D materials, Magnetism and magnetic materials.

➤ **Research topics:**

My research activities have been devoted to theoretical study and modeling the properties of different inorganic and organic materials and heterostructure systems using various techniques. My activities include the following topics: modeling of the physical properties of semiconductor nanostructures; electronic and magnetic properties of metal oxydes with defects; vibrational, opto-electronic and magnetic properties of two dimensional (2D) materials; stacking effect on electronic properties of VdW heterostructures; photocatalytic water-splitting reaction and a photovoltaic applications; GW approximation and Random Phase Approximation (RPA); magnetic properties of low dimensional materials using DFT and Monte Carlo simulations.