



CURRICULUM VITAE

A- Personal information

-*First name(s):* BEN LAKHDAR - AKROUT -*Surname:* Zohra - *Gender:* female
- *Nationality:* Tunisian- *Statute:* Married - 2 Daughters; -*Langage:* Arabic, French, English

B- Title of Qualification Awarded

-Bachelor in mathematics (Tunis 1963); Licence in physics science (Faculty of Sciences Tunis 1967 FST)- - PHD(1971) and State Doctorate (1978) -University Pierre et Marie Curie France.

C- Scientific Interest Domain

-Education, Science, science-religion & Society, Nanoscience, Space & Universe, Science & Arts

D-Work Experience

DI-Education

- *Contribution to development of Education in Tunisia & in Developing Countries*
- At University as Assistant then Professor for 1st-2^d cycle & master & aggregation (French system)
- *at secondary school as President of Tunisian society of Optics, as assistant for science of the ministry (1990-93) and -as expert in physics education at UNESCO among 5 international experts for training of trainers in developing countries in the frame of ALOP (Active Learning in Optics and Photonics) UNESCO project*
- *Development and co-responsible of CHAIRE UNESCO for training of trainers at the private engineer school ESPRIT (Ecole Supérieure Privée en Ingénierie et Technologie)*

DII- Research

-*Development at FST of Theoretical and experimental research in atomic and molecular physics with applications → Laboratory of Spectroscopy Atomic- molecular & Applications- LSAMA*
(~40 researchers with 20% from other African countries)
-*Development of research in atomic and molecular spectroscopy with applications in different African countries (through projects financed by ICTP- International Centre of theoretical Physics-Trieste-Italy)*

Research has been developed in the frame of projects through: Tunisian-French cooperation then South-South (with ICTP finance), then South-South-North cooperation (with European financed projects)

→ ~100 publications ; ~20 Thesis with some in co-direction ; ~50 DEA & Masters
LSAMA becomes:

- in 2000 -**Laboratoire International affilié à ICTP**
- in 2005 **(LIA) « Laboratoire International Associé au CNRS-France »**

F- Annexes : Prix et Décoration

Ci-joint quelques Prix et Décoration en Education, Recherche & Culture obtenus à l'échelle Nationale et Internationale :

- **l' OREAL-UNESCO- AWARD 2005 for Women in Science** for her Experiments and Models on Infrared Spectroscopy & its Applications to Pollution and Medicine
- **"ARAB THOUGHT" 2006-AWARD**
- **SPIE EDUCATOR AWARD- 2011 for outstanding contributions to optics.**
- **CHEVALIER DANS L'ORDRE DE LA LEGION D'HONNEUR- 2017**

- **Member of many National and International Scientific Associations and Academies**