

CURRICULUM VITAE

ATHMANI Hamza

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Ph.D. in Chemistry and Physics of Condensed Matter

Lecturer class B

DEPARTMENT OF MATTER SCIENCES

FACULTY OF SCIENCE AND TECHNOLOGY

University of A. LAGHROUR-KHENCHELA

DIPLOMAS OBTAINED

- ◆ **January 2019: Ph.D. in Chemistry and Physics of Condensed Matter** - University of Abbes Laghrour- Khenchela in collaboration with the Crystallography, Magnetic Resonance and Modelling Laboratory – University of Lorraine-France.
- ◆ **July 2011: Master's degree** in Chemistry. **Option** Chemistry and Physics of Condensed Matter. University of Abbes Laghrour-Khenchela.
- ◆ **June 2009: Bachelor's degree** in Chemistry - University of Abbes Laghrour - Khenchela.
- ◆ **June 2006: High school diploma in Mechanical Engineering** (Ouled Rechache high school –Khenchela).

SCIENTIFIC OUTPUT

International Publications

Kadri, S., Direm, D., **Athmani, H.**, El Bali, B., Parlak, C., & Hebbachi, R. (2022). *Inorganic Chemistry Communications*, 143, 109779.

Athmani, H., Kijatkin, C., Benali-Cherif, R., Pillet, S., Schaniel, D., Imlau, M., Benali-Cherif, N., & Bendeif, E.-E. (2019). *Acta Crystallogr, Sect.A: Found. Adv.* 75, 107.

Communications

Athmani, H.,2022: Influence of protonation on the electron density of melamine. the First National Seminar on Green Chemistry and Natural Products (GCNP'22), **El-Oued on March 14 - 15, 2022**

Athmani, H. and Benali-Cherif, N., **2018:** Electron density study of organic hybrid compounds. 9th edition of the congress of the Société Algérienne de Chimie (SAC 2018). **Algiers on 08, 09 and 10 May 2018.**

Athmani, H. and Benali-Cherif, N., **2015:** Thermal degradation of amino acids. The ^{1st} Algerian congress on characterization, properties and modeling of materials and composite materials (CACPM3C - 2015). **Khenchela on 19, 20 and 21 May 2015.**

Athmani, H. and Benali-Cherif, N., **2015:** α -amino acids decomposition study. National Materials and Applications Day. **Oum El Bouaghi on 08 June 2015.**

Athmani, H. and Benali-Cherif, N. (2014). *Acta Cryst.* A70, C989.

COMPETENCE - TRAINING

Participation at the international Workshop on **Structural Resolution by Single Crystal and Powder X-Ray Diffraction + Remote Control Of single crystal X-Ray Diffractometer Online.** **Khenchela on 6-7th November 2022**

Participation at the **1st Robert Stewart School.** (2016): **1st Robert Stewart School** on electron density and related properties. **Vandoeuvre-les-Nancy on 23, 24, 25 and 26 August 2016.**

October 1st, 2015 – August 31, 2016

11-month fellowship in the framework of the exceptional national program - Algeria (PNE) at the laboratory of Crystallography, Magnetic Resonance and Modelling (CRM2)- Université Lorraine- France.

Participation in **OpenLap. 2014**: The use of X-ray powder and single crystal diffraction instruments and structural determination. **Agadir on 16, 17, 18 and 20 June 2014.**

Characterization techniques: X-ray diffraction (XRD), Fourier transform infrared spectroscopy (FTIR), Ultraviolet–visible spectroscopy (UV-Vis) and Differential scanning calorimetry (DSC).

Programs: WinGX package, Olex, Origin, X'Pert HighScore, Mercury, MoPro, MoPro viewer, Crystal Explorer and ConQuest database.