





# Hamza Athmani

Lecturer Class B

## PROFIL

 Laboratory of Structures, Properties and Interatomic Interactions LASPI2A. Department of Matter Sciences Faculty of Sciences and Technology, Abbes Laghrou University Khenchela, 40.000 Algeria.

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## LANGUES

Arab 

French 

English 

## DIPLOMAS OBTAINED

**January 2019**

Nancy, France and Khenchela, Algeria

**Ph.D. in Chemistry and Physics of Condensed Matter -**

University of Abbes Laghrou in collaboration with the Crystallography, Magnetic Resonance and Modelling Laboratory – University of Lorraine.

**July 2011**

Khenchela, Algeria

**Master's degree** in Chemistry. **Option** Chemistry and

Physics of Condensed Matter. University of Abbes Laghrou.

**June 2009**

Khenchela, Algeria

**Bachelor's degree** in Chemistry - University of Abbes Laghrou.

**June 2006**

Khenchela, Algeria

**High school diploma in Mechanical Engineering**

### 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 <sup>1st</sup> 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:**  $\alpha$ -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 6-7<sup>th</sup> November 2022**

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

**October 1<sup>st</sup>, 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.