

## **CV Enseignant**

**Name:** Abdelali Hayoune

**Rank:** Maitre de Conference A

**Department:** Materials Engineering

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### **Educational Profile:**

- Phd Es-Science /PhD in Materials Sciences (Mai 2009), University of Constantine 1, Algeria
- Master in Physics, option: Structural Metallurgy (May, 2003, University of Constantine 1 - Algeria.
- DES (Diploma of Higher Studies) in Physics, option: Material sciences (June 2000), University of Annaba – Algeria.

### **Honors and Distinctions**

- Valedictorian, DES (Diploma of Higher Studies) in Physics, option: Material sciences (June 2000), University of Annaba – Algeria.

### **Scientific Activities & Membership of Scientific Societies**

1. Member of the direction Council of the Technical Center CTIM, 2019 to the present day
2. Head of Materials Engineering Department , ENP Constantine, July 2017 to July 2022.
3. Member of the Scientific Council of the Birine Nuclear Research Center (CRNB) 2010 - 2013.

### **List of Current Research Projects**

- University Research-Training Project (PRFU, Project code: A24N01ES250120190001

### **List of Journal Publications**

1. Hamiane Y, Hayoune A, Hennet L, Hamana D, 2023, Microstructural Evolution During Continuous Heating, of Multilayered Al/Fe Metallic Composite Elaborated by Accumulative Roll Bonding, Journal of Materials Engineering and Performance, <https://doi.org/10.1007/s11665-023-07842-4>
2. Laouar B, Hamana D, Hayoune A, 2022, Effect of thermomechanical treatment on the hardening of Al6060 alloy, Materials Science and Technology, Vol:39 (5), Pages: 519-530
3. Hayoune A, Shabestari SG, Hamana D, 2016, Study on the Structural Evolution During Non Isothermal Aging of an Al–Cu–Mg–Si Alloy by Means of Thermal Analysis, Trans Indian Inst Met Vol: 69(8), pages: 1529–1535.
4. Hayoune A, 2016, A Dilatometric Study of the Non Isothermal Aging of a Cold Rolled Al-Mg-Si Alloy, Defect and Diffusion Forum Vol. 367, Pages: 103 – 109
5. Hayoune A, Titouche NE, 2013, A DSC Investigation of the Effects of Cold Deformation and Low Temperatures Aging on the Microstructural Stability of a Peak Aged (PA) Al 6061 Alloy, Applied Mechanics and Materials, Vol: 432, Pages: 32 – 38
6. Hayoune A, 2013, A calorimetric study of the precipitation hardening mechanisms in an Al–Cu–Mg–Si alloy, International Journal of Modern Physics B, Vol: 27(20) 1350084
7. Hayoune A, 2012, Thermal Analysis of the Impact of RT Storage Time on the Strengthening of an Al-Mg-Si Alloy, Materials Sciences and Applications, Vol: 3 (7), Pages: 460-466
8. Hayoune A, Hamana D, 2010, A dilatometric and high-temperature X-ray diffraction study of cold deformation effect on the interaction between precipitation, recovery and recrystallization reactions in Al–12 wt.% Mg alloy, Materials Science and Engineering: A, Vol : 527 (27–28), Pages 7261-7264
9. Hayoune A, Hamana D, 2009, Structural evolution during non-isothermal ageing of a dilute Al–Cu alloy by dilatometric analysis, Journal of Alloys and Compounds, Vol: 474, (1–2), Pages 118-123
10. Boufenghour M, Hayoune A, Rokhmanov NY, Boucheur M, Hamana D, 2004, Dilatometric study of ordered structures in Fe-Al alloys, Functional Materials, Vol: 11(2), Pages: 397-401.
11. Boufenghour M, Hayoune A, Hamana D, 2004, Study of the ordered structures in Fe-Al alloys using dilatometric and calorimetric analysis, Journal of Materials Science, Vol: 39, Pages: 1207 – 1212

### **List of Conference Papers**

1. Bachani Mokded, Hayoune Abdelali, Fajoui Jamal, Dubos Pierre – Antoine, 2023, Effect of cold-working and annealing on the electrochemical behavior of the 304L austenitic stainless steel in saline media, Journée de la section Ouest de la SF2M 2023, Saint-Nazaire
2. Talbi Ilyes, Hayoune Abdelali, Dubos Pierre – Antoine, Fajoui Jamal, 2023, Experimental investigation of precipitation sequence in an Al-Cu-Mg-Si alloy, Journée de la section Ouest de la SF2M 2023, Saint-Nazaire
3. Hayoune A, 2015, A Dilatometric Study of the Non Isothermal Aging of a Cold Rolled Al-Mg-Si Alloy, The **11th International Conference on Diffusion in Solids and Liquids**, DSL 2015 Munich (Germany).
4. Boufenghour M, *Hayoune A*, Rokhmanov N Y, Boucheur M, Hamana D, 2003, Dilatometric study of ordered structures in Fe-Al alloys, Structural Relaxation In Solids, Vinnitsa, Ukraine

### **List of Current Doctoral Research Students Supervision**

1. Ilyes TALBI
2. Mokded BACHANI
3. Yasmine HAMIANE