

Curriculum Vitae

Dr. AOULMI Zoubir



Personal Information

AOULMI Zoubir

Education

2010: Ph. D. Thesis ; November 2010 ; University of Annaba (Algeria).

Title : “Study and analysis of heat transfer during boiling of water - steam in a boiler.”.

2001 : Magister Thesis ; July 2001 ; University of Annaba (Algeria).

Title : Study and calculation of recovery and heat accumulators with no phase change

1998 : Engineer in electromechanical, University of Tebessa, Algeria

Title : comparative study between diesel and essence engines

1992: baccalaureate, technical mathematical, Chiekh Larbi Tebessi secondary school in Tebessa, Algeria

Responsibilities and professional activities

June 2014 : Head of mines department.

2010–2014: Head of specialty of Electromechanical, University of Tebessa, Algeria.

2006-2013: Scientific Council member of faculty of sciences and technology, University of Tebessa, Algeria.

2006-2014: Scientific Council member of mines department, University of Tebessa, Algeria.

2003-2010: **Assistant Professor** in electromechanical, University of Tebessa, Algeria

2010-2012 Lecturer in electromechanical, University of Tebessa, Algeria

Teached courses

- Internal combustion engine
- Vibration of rotating machines
- Dynamic of machines
- Thermodynamic
- Electrotechnic
- Electromechanical systems
- Mining machinery
- Extraction machines
- treatment of Signal
- Moving machines
- Turbomachinery

- pump and compressor

Membership in projects

- 2007-2009 Study and calculation of tubular heat exchanger (CNEPRU project - **Code :J/2920060003**)
- 2009-2012 Maintenance and safety of machines (CNEPRU project- **Code :J032920090009**)
- 2013-2016 Maintenance of electromechanically entrainments (CNEPRU project)

SCIENTIFIC ACTIVITIES (PAPERS AND CONFERNCES)

International publications:

- Aoulmi Zoubir, Bouchami Tidjani, Soufi Youcef, 2010. Comparison of correlations for predicting critical heat flux for uniformly heated vertical porous coated tubes at low pressure, *Nuclear Engineering and Design*, Vol. 240, 71–75.(Elsevier)
- Aoulmi Zoubir, Bouchami Tidjani, 2012. Prediction of critical heat flux for water in uniformly heated vertical porous coated tubes at low pressure, *Rev. Sci. Technolog., Synthèse 24 - (2012)* (university of Annaba)

International conferences

- Aoulmi Zoubir, Bouchami, , Boiling crisis, in vertical smooth tubes at low pressure, The Second International Conference on Green Energy and Environmental Engineering (GEEE-2015), *Monastir, Tunisia*.
- Aoulmi Zoubir, Bouchami, Hannachi Mohamed Tahar , Prediction of critical heat flux for uniformly heated vertical smooth tubes at low pressure, International Metrology Conference CAFMET 2012 (April 2012), *African Committee of Metrology*, Marrakech, Maroc.
- HANNACHI M. T., H. Djebaili, Aoulmi Z, M. Taleb., 2009 « Characterization of heating parameters and welding by high frequency induction ». 1st International Seminar, on Mining, Service Sustainable Development, 08-09 December 2009, Tebessa (Algeria).
- AOULMI Zoubir , Bouchami T. ,Hannachi M. T. , Louafi M.,Guerfi Z,2009 ” Influence of porous coating on critical heat flux”.1st International Seminar, on Mining, Service Sustainable Development, 08-09 December 2009, Tebessa (Algeria).
- Guerfi Z, Bozzenada L., Aoulmi Z. , Performance of cooling systems for compressor, 1st International Seminar, on Mining, Service Sustainable Development, 08-09 December 2009 Tebessa.
- Mounia Taleb, A. Bouzaouit.. R. Chaïb. Hannachi MT. Aoulmi Z. ,Louafi M. « Protect the health and safety of employees "priority risk mapping"» 1st

- International Seminar, on Mining, Service Sustainable Development, 08-09 December 2009, Tebessa (Algeria).
- louafi messaoud , bouzenada L, Taleb M. , Hannachi MT, Aoulmi Z. « Defects electric motors (Z1S03) At the factory level Elma Labiod» 1st International Seminar, on Mining, Service Sustainable Development, 08-09 December 2009, Tebessa (Algeria).

Working Papers, Posters

- Guerfi Z., Bouzenada L., Aoulmi Z., Hannachi M. T. ,2009 « Study of the performance of the cooling screw compressor GA 55 + ». 1st International Seminar, on Mining, Service Sustainable Development, 08-09 December 2009, Tebessa (Algeria).
- Hannachi M.T., Soufi Y., Aoulmi Z., Louafi M., Kara M., "The bacterial corrosion of steel welded pipe. Chemistry 1st International Symposium, held in April 2008- Tébéssa

Reviewers' Board

- Served on the Reviewers' Board of Athens Journal of Technology & Engineering.

Supervision

- Supervising tutor of 08 diploma thesis of engineer
- Supervising tutor of 06 diploma thesis of licence
- Supervising tutor of 23 diploma thesis of master
- Supervising tutor of 04 diploma thesis of DEUA
(diploma of university studies applied)

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