



## **1. Mohamad Ali, PhD, Assistant Professor**

### **2. Education**

- PhD degree in Mechanical Eng. – Mechanics of Materials Institut National Polytechnique de Toulouse (France).
- Master degree in Mechanical Eng. Ecole Nationale Supérieure d'Ingénieurs de Construction Aéronautiques (France).
- Master degree in Mechanical Eng. And manufacturing, Université Paul Sabatier Toulouse III (France).

### **3. Work experience**

- Since Fall 2011: Full-time Assistant Professor, Beirut Arab University, Tripoli Campus, Lebanon, Faculty of Engineering – Department of Mechanical Engineering
- 2010-2011: Post-Doc, Laboratoire Roberval, Université de Technologie de Compiègne(UTC), France
- 2009-2010: Temporary attached to the teaching and research, Ecole Nationale d'Ingénieurs de Tarbes (ENIT), France.

### **4. Service activities**

- Coordinator of the Mechanical Eng. Department (Tripoli Campus)
- Member in the committee for the student's activity day.
- Coordinator of the ABET Committee, Tripoli Campus
- Administration: student advising, course offering, Eng. Material and Production lab.
- Member in the committee of International Conference on Structural Analysis of Advanced Materials (ICSAAM – 2009).

### **5. Research Interests**

- numerical and experimental research for Solid mechanics, structural mechanical assembly (bonding, bolting, ...).

## **6. Principal publications and presentations:**

### **6.1 Journal Publications**

1. A. M. Ellakany, M. Ali, M A. El-Gohary and M. Elkholy. Lumped system model for elastic steel-concrete beams with partial interaction. *Multidiscipline Modeling in Materials and Structures*. (2019) 1573-6105.
2. H. H. Assoum, M. El Hassan, J. Hamdi, M. Ali, K. Abed-Meraïm and A. Sakout. Correlation between the acoustic field and the transverse velocity in a plane impinging jet in the presence of self-sustaining tones, *Energy Procedia* 139 (2017) 391-397.



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3. ALI M., Lorrain B., Karama M., Puel B. «The effect of the cure temperature on the thermomechanical characteristics of an adhesive» Key Engineering Materials Vol. 446 (2010) pp 43-49.

### **6.2 Conference Proceedings**

1. M. ALI, M. ELGOHARY, Caractérisations mécaniques des charnières pour meuble, MATEC Web of Conferences 261, 02006 (2019).
2. ALI M., « The behaviour of the bonded and fastened lap joint» International Workshop on Mechanical Engineering, IWME-2014 Istanbul, KOC University TURKEY August 8-9, 2014. Scientific Cooperation Publications, ISBN: 978-605-86637-3-2.
3. ALI M., Lorrain B., Karama M., Puel B. «The Effect of the polymerisation temperature on ageing bonded joints» 3th International Conference on Structural Analysis of Advanced Materials (ICSAAM – 2009) 7-10 septembre 2009, Tarbes, France. ISBN : 978-2-9534804-0-5.
4. ALI M., Lorrain B., Karama M., Puel B., «Fatigue behaviour of the screwed/riveted joints and the bonded joints» International conference on the respective input of the numerical simulation and the experimental approach in fatigue design, 21-22 novembre 2007 - Senlis, France. N° ISBN : 2-85400-802-2