

1. Name: Abousoufiane Ouis

2. Education:

- Ph.D. Materials Science, University of Nantes, FRANCE, 1994.
- M.Sc. Materials Science, University of Nantes, FRANCE, 1989.
- B.Sc. Mechanical Engineering, University of Algiers, ALGERIA, 1988.

3. Academic experience:

- Prince Sattam Bin Abdulaziz University, KSA, Assistant Professor, Senior Lecturer, Mechanical Department, August 2012 - now, full time.
- Riyadh College of Technology, KSA, Assistant Professor, Senior Lecturer, Production Section, 2004 - 2012, full time.
- Hail College of Technology, KSA, Assistant Professor, Senior Lecturer, Production Section, 1997 - 2004, full time.
- University of Nantes, France, Laboratory Assistant, Materials Science Laboratory, 1990 - 1994, part time.

4. Non-academic experience:

- Head of Mechanical Technology Department, Hail College of Technology, KSA, 1997 - 2004, full time.
- University of Nantes, FRANCE, Operator-Manipulator, 1989 - 1994, full time.
 - Thin films deposition technology (plasma discharge, UHV, sputtering, ion plating...).
 - Adhesion of thin films and surface preparation of substrates, physicochemical analyses of materials (AES, XPS, SEM, ESCA, positron annihilation analysis).
- University of Nantes, FRANCE, co-manager, installing and setting of instruments of laboratories 1989 - 1994, part time.
- Ecole Nationale Polytechnique, University of Algiers, ALGERIA, co-manager, purchasing, installing, setting of instruments of laboratories, 1986 - 1988, part time.
- Ecole Nationale Polytechnique, University of Algiers, ALGERIA, supervisor, Design and construction of hydraulic elements of a rotating irrigation system, 1987 - 1988, full time.
- Riyadh College of Technology, Supervisor of B. Sc. final projects:
 - Design and manufacturing of a centrifugal casting machine: 2004-2005.
 - Design and manuf. of a machine cover made of fiber reinforced plastics: 2007-2008.
 - Effects of crack presence on mechanical properties of heat treated St37 steel: 2009-2010.
 - Design and manuf. of a controlled machine for blowing-up air-chambers: 2010-2011.
- Prince Sattam Bin Abdulaziz University, Supervisor of B. Sc. final projects:
 - Study of Mechanical and Morphological Characteristics of A-TIG Stainless Steel Welds: 2014-2015.

Certifications and professional registrations:

- Training Workshop on "Intended Learning Outcomes, (NCAAA), Prince Sattam Bin Abdulaziz University, Oct. 2012.
- Training Workshop on "Course and Field Experience Specifications and their Reports", (NCAAA), Prince Sattam Bin Abdulaziz University, Nov. 2012.

- Digital Library Training Workshop, IEEE (IEL), Prince Sattam Bin Abdulaziz University, Dec. 2013.
- Blackboard E-Learning Training Workshop, Prince Sattam Bin Abdulaziz University, February. 2016.

5. Current membership in professional organizations:

Member of ASME: the American Society of Mechanical Engineers 2014-2015.

6. Service activities:

- Member of committees at College of Engineering, Prince Sattam Bin Abdulaziz University:
 - Member of the department council.
 - Member of the college exams committee.
 - Member of the department graduate project committee.

7. Important publications and presentations:

- M. Cailler, A. Ouis, P.J. Schultz and P.J. Simpson, The International Conference on Adhesion and Surfaces Analysis, Loughborough, UNITED KINGDOM, Avril 1990.
- M. Cailler, A. Ouis, P.J. Schultz and P.J. Simpson, ECASIA 91, The European Conference on Applications of Surfaces and Interfaces Analysis, Budapest, HUNGARY, Octobre 1991.
- M. Cailler, A. Ouis, A. Lahmar and C. Constantinescu, La 3^{ème} Rencontre Internationale sur les Sciences des Matériaux, Oran, ALGERIA, Octobre 1991.
- A. Ouis, P. J. Schultz, P. J. Simpson and M. Cailler, 1^{ères} Journées Nationales sur les Couches Minces et leurs Applications (JNCMA-I'2007), Boumerdes, ALGERIA, Avril 2007.
- M. Cailler, A. Ouis, P.J. Schultz and P.J. Simpson, Adhesion strength of copper thin-film to E24 carbon steel: effects of substrate ion bombardment etching. *Journal of Adhesion Science and Technology*. Volume 7, Issue 2, 1993, pages 141-157.
- Abousoufiane Ouis and Michel Cailler. Effects of substrate bias voltage on adhesion of DC magnetron-sputtered copper films on E24 carbon steel: investigations by Auger electron spectroscopy. *Journal of Adhesion Science and Technology*, Volume 27, Issue 21, November 2013, pages 2367-2386, DOI: 10.1080/01694243.2013.777320.
- Co-author, Book "Industrial Measurements in light of ISO 9000 International Quality Criteria", Chapter 13 " Testing of Engineering Materials", Project Research at University of Hail, ref. E11 A/ ME/ Book, 2012-2013.
- Abousoufiane Ouis. Influence of the interface width on the adhesion strength of copper films deposited on negatively biased carbon steel substrates. *Journal of Adhesion Science and Technology*, Volume 30, Issue 2, 2016, pages 145-156, DOI: 10.1080/01694243.2015.1092747.
- Kamel Touileb, Rachid Djoujou and Abousoufiane Ouis. Effect of Viscosity on the GTA welds Bead on Penetration in Relation with Surface Tension Elements. *Engineering Technology & Applied Science Research*. Vol. 6, No. 2, 2016, 952-955. <https://doi.org/10.5281/zenodo.49887>

- Abousoufiane Ouis, Kamal Touileb, Rachid Djoudjou and Abdulhakim Okleh. Correlation between the Interface Width and the Adhesion Strength of Copper Films Deposited on Ion-Etched Carbon Steel Substrates by Varying the Bias Voltage. IOSR Journal of Applied Physics (IOSR-JAP). Volume 9, Issue 1 Ver. I (Jan.–Feb. 2017), pages 82-89. DOI: 10.9790/4861-0901018289
- A. Hdhibi, J. Chakhari, K. Touileb, M. L. Bouazizi, A. Ouis, R. Djoudjou, Flexural Vibrations of A-TIG Welded Plates Joint. The Second International Conference on Acoustics and Vibration, March 19 - 21, 2018 Hammamet-Tunisia.
- A. Hdhibi, K. Touileb, R. Djoudjou, A. Ouis, Effect of Single Oxide Fluxes on Morphology and Mechanical Properties of ATIG on 316 L Austenitic Stainless Steel Welds. Engineering Technology & Applied Science Research, Vol. 8, No. 3, June 2018.
- Writing the textbook for the associate degree program, "Materials Testing" editor: Technical and Vocational Training Corporation, KSA 2008.
- Writing the textbook for the associate degree program, "Heat Treatments" editor: Technical and Vocational Training Corporation, KSA 2009.
- Reviewing the textbook for the associate degree program, "Materials Science" editor: Technical and Vocational Training Corporation, KSA 2010.
- Reviewing the Curriculum of "Inspection Technology" for Non-Destructive Testing Technology Institute, KSA 2009.
- Translation from Arabic to English of the study plan for the associate degree training program in Production Technology, editor: Technical and Vocational Training Corporation, KSA 2010.
- Translation from Arabic to English of the study plan for the bachelor training program in Production Technology, editor: Technical and Vocational Training Corporation, KSA 2010.

8. Recent professional development activities:

- Manager in specifications elaboration of Non-Destructive Testing laboratory, Prince Sattam Bin Abdulaziz University, Jan. 2013.
- Consultant in materials science and materials testing engineering at mechanical department, college of engineering, Prince Sattam Bin Abdulaziz University, Jan. 2013-now.