

Curriculum Vitae

Personal data:

Family name: Bellil.

Given name: Melouka.

Date of birth: 22/03/1972.

Place of birth: Mascara, Algeria.

Residence: Mascara, Algeria

E-mail: meloukbellil@yahoo.fr.

Mobile number: +213-05-55-30-77-61.

Education:

1995 Bachelor in Electronic engineering - National Polytechnic school of Oran (ENPO)- Algeria .

2001 Master in Electronic engineering, at ENPO, in the topic: « Modelling and simulation of physical properties of materials and circuits ».

2015 PH-D of science, in the theme: « TLM Modelling of bio-thermal transfer at clinical treatments ».

Work experience:

2015-present: Associate professor in Mustapha Stambouli University of Mascara (Algeria):

- Department of “natural and life sciences”.
- Department of “technological sciences”.

Scientific publications:

- 1- Melouka Bellil & al. “*Transmission line matrix modelling of bioheat transfer in cryogenic therapy applications*“, (CEIT) International Conference on Control, Engineering & Information Technology, 2013; Tunisia.
- 2- Melouka Bellil & al. “*Tlm modelling of laser thermal treatment of benign prostate hyperplasia*“, (CEIT) International Conference on Control, Engineering & Information Technology, 2013; Tunisia.
- 3- Melouka Bellil & al. “*Numerical Modelling for Simulation and Treatment Planning of Prostate Thermal Therapy*” Int. J. Numer. Model. 2015; 28:540-550.
- 4- Melouka Bellil & al. “*A TLM study of bioheat transfer during freeze-thaw cryosurgery*” Biomed. Phys. Eng. Express. Accepted Manuscript online 25 September 2018 • © 2018 IOP Publishing Ltd.

Skills:

Programming, Matlab, MPLAB, C, Pascal, VHDL, Verilog

Major Fields: Statistics, Numerical and Analytical Methods, Technologies and Biotechnologies.

Languages: Arabic, French and English.