Asma BEZZA

Assistant Professor

P R O F I L

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L A N G U E S

Arabe

Français

Anglais

Education

2005
Khenchela- Algeria

Baccalaureate

Natural and life sciences, with honors, E**lbah Mouhamed Lakhdher** secondry school, Khenchela,Algeria

2006-2010

Khenchela-Algeria

Engineer in computer sciences (Honors, Major of promotion)
Speciality : information system

- **End of study dissertation:** Development of an environment for specifying real-time systems in D-LOTOS.
- **Supervision:** Pr Maarouk Messaoud Toufik (Abbess Laghrour university of Khenchela).
- **University:** Abbes Laghrour University of Khenchela, Algeria.

2011 – 2014
Khenchela-Algeria

Magister in computer science
Specialty: Information systems and

- **Magister dissertation theme:** Aspects of Integrated, personalizable and adaptable e-Learning Systems.
- **Supervisors:** Dr. Farhi Marir (London Metropolitain University, London, UK), Dr. Amar Balla (ESI, Algiers, Algeria).
- **University**: Abbes Laghrour University of Khenchela

December 2018-today
Oum El-Bouaghi-Algeria

PhD student in sciences

- **Thesis Title:** Formal Methods for the architecture exploration the design of reliable systems.
- **Thesis Director:** Dr. Rouhallah BENABOUD (Larbi Ben M'hidi university, Oum El-Bouaghi, Algeria)
- **Thesis co-director:** Dr. Toufik Messaoud MAAROUK (Abbes Laghrour university, Khenchela, Algérie**).**

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Competencies

Programming languages: Java, C, C++, Python
Systems: Windows, Linux
IDE: Eclipse, NetBeans, Delphi, Matlab
Desktop software: Latex, Beamer, Microsoft Office, Open office, iWork.Open office, iWork.

Fields of research

Formal methods, formal refinement, embedded systems design and verification, engineering software, formal specification, Automata, real time systems, e-learning personalization, anthologies, knowledge management;

Research projects

PRFU Project: Integration of formal methods for the development of embedded systems and multi-agent systems.
Project director: Pr. Toufik Messaoud MAAROUK
Project code: C00L07UN400120200001

Laboratory affiliation

Laboratory: Knowledge Inginering and security Information ICOSI Lab
Faculty: New information and communication technologies
University: Abbes Laghrour University of Khenchela, Algeria
Director: Pr. Toufik Messaoud MAAROUK

1. Articles in international journals

- **A.Bezza,** F.Marir, A. Balla (2014): ***Improving Personalization in e-Learning systems***, International Journal of Technology and Educational Marketing (IJTEM) 4(2) , pp. 75-84, 2014.

2. Articles in international conferences

- **A. Bezza**, F. Marir, A. Balla (2013): ***An Approach for personalizing Learning Content in e-Learning Systems.*** The second international Conference on E-Learning and E-Technologies in Education, **ICEEE2013**, pp. 218-223, 23-25 Septembre 2013, Lodz university of technology, Poland.

- T. Maarouk, D. Saidouni, **A. Bezza** (2012): ***Environment of specification of real-time systems***. The second international conference on Information Systems and Technologies, **ICIST'12**, March 24-26, 2012, Souse, Tunisia.

- **Bezza A**, Merah E, Ameur-Boulifa R, Benaboud R, Maarouk TM (2020). ***Formalization and Refinement Proof for Embedded Systems***. In2020 4th International Symposium on Informatics and its Applications (ISIA) 2020 Dec 15 (pp. 1-6). IEEE.

3. Articles in national conferences

Bezza, F. Marir, A. Balla (2012): ***Aspects of Integrated, Personalizable and adaptable e-learning***. The 1st national seminar on educational technologies, **SNTE'2012**, pp. 88-95, 06-07 Mars 2012, Guelma, Algeria.