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Personal Details

Name : Lobna Amouri
Address : AlUmmal City
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Education

1 Ph.D Diploma in Electrical Eengineering/Industrial Computer Science : National School of Engineering in Sfax (ENIS-Tunisia)– Orleans University(Bourges-France)2012.

2 Master Diploma in Industrial Computing and Automatic: National Institute of Applied Sciences and Technologies of Tunis-2006

3 Engineering Diploma in Industrial Computing and Automatic: National Institute of Applied Sciences and Technologies of Tunis.

Research Interests and Teaching

Experience:

♣ Teaching Experience:

- 2014 -2015 : **Community College of Dammam**
- 2009-2014 : **National School of Electronics And Telecommunication of Sfax**

Mission: Assistant Professor in Industrial Computing and Automatic

- 2006-2009 : **Higher Institute of Business Administration of Sfax (ISAAS)** : Mission : Contractual assistant in Computer Science
- 2005-2006 : **National School of Electronics And Telecommunication of Sfax** : Contractual assistant in Computer Science

♣ Academic or Administrative Experience

- Member in the Scientific Council of the Computer Science Department (Community College of Dammam)
- Member in the E-book Project

Conferences and Seminars

- [1]* **Lobna AMOURI-JMAIEL, Cyril NOVALES, Mohamed JALLOULI, Gérard POISSON and Nabil DERBEL**, “*An Effective DVZ-Fuzzy Logic Pilot for a Mobile Robot using Generic Architecture*”, published in: *International Journal of Vehicle Autonomous Systems*, Vol. 12, No. 3, 2014
- [2] **Mohammed JALLOULI, Lobna AMOURI-JMAIEL and Nabil DERBEL**, “An Effective Localization Method for Robot Navigation Through Combined Encoders Positioning and Retiming Visual control”, published in: *Journal of Automation, Mobile Robotics and Intelligent Systems (JAMRIS)*, Vol. 3, No. 2, pp. 15-23, 2009.
- [3] **Lobna AMOURI-JMAIEL, Mohammed JALLOULI and Nabil DERBEL**, “An Effective Sensor Data Fusion Method for Robot Navigation Through Combined Extended Kalman Filters and Adaptive Fuzzy Logic”, published in: *Transactions on Systems, Signals and Devices TSSD*, Vol. 4, No. 1, pp. 1-18, 2009.
- [4] **Agnes Ghorbel, Mohamed Jallouli, Nader Ben Amor, Lobna Amouri**, "An FPGA based platform for real time robot localization", published in 2013 International Conference on Individual and Collective Behaviors in Robotics (ICBR);
- [5] **Emna Baklouti, Mohamed Jallouli, Lobna Amouri, Nader Ben Amor**, "Remote control of mobile robot through 3D virtual reality environment ", published in 2013 International Conference on Individual and Collective Behaviors in Robotics (ICBR);
- [6] **Lobna AMOURI, Cyril NOVALES, Mohamed JALLOULI, Gérard POISSON, and Nabil DERBEL**, “An Effective Fuzzy-DVZ Controller for an Omnidirectional Mobile Robot”, 9th IEEE

International Conference Systems, Signals and Devices, (SSD'12), 20-23 Mars 2012, Chemnitz, Germany.

• [7] **Agnès Ghorbel, Nader Ben Amor, Mohamed JALLOULI, and Lobna Amouri**, “A HW/SW implementation on FPGA of a robot Localization algorithm”, 9th IEEE International Conference Systems, Signals and Devices, (SSD'12), 20-23 Mars 2012, Chemnitz, Germany.

• [8] **Lobna AMOURI-Jmaiel, Cyril NOVALES, Gérard POISSON, Malek NJAH, Mohamed JALLOULI and Nabil DERBEL**, “DVZ-based Obstacle Avoidance Control of a Wheelchair Mobile Robot”, IEEE International Conference on Mechatronics (IEEE ICM 2011), 13-15 April 2011, Istanbul, Turkey.

• [9] **Lobna AMOURI-JMAIEL, Mohammed JALLOULI and Nabil DERBEL**, “Real Time Localisation Of a Mobile Robot Using Webcam Data”, 5th international conference IEEE Systems, Signals and Devices, (IEEE SSD'08), 20-23 July 2008, Amman-Jordan.

• [10] **Lobna. AMOURI-JMAIEL, Mohammed JALLOULI and Nabil DERBEL**, ”An Effective Sensor Data Fusion Method for Robot Navigation Through Combined Extended Kalman Filters and Adaptive Fuzzy Logic”, 4ème conference international IEEE : Systems, Signals & Devices (IEEE SSD'07), 19-22 Mars 2007, Hammamet, Tunisia.

Skills:

Languages:

Arabic, French, English