



Digital Research Centre of Sfax
22 – 24 July 2018, Sfax, Tunisia

CALL FOR PARTICIPATION

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Web Chair

Amina Magdiche, PNU

Steering Committee :

Kais Loukil, ESCS

Tarek Ouni, ENETCom

Registration

Fees: 250 DT

Registration contact:

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About: The Tunisian Workshop on Embedded Systems Design intends to gather and illustrate experiences in tools development and utilization in the area of embedded systems design. TWESD 2018 will include Phd and expert presentation in the following topics:

Network Embedded Systems

- Wireless sensor Networks & Applications
- Cooperative Robots
- Wireless communication systems
- System on Chip (SoCs)
- Software-hardware architecture co-design

Real Time Systems

- Computer Aided Design of Smart systems
- Real Time Operating System
- Adaptive multimedia systems
- Artificial Intelligence /Application
- Multiprocessor Real Time systems

Software Engineering

- Virtual integration for systems development
- Formal approaches for system design
- Image Processing
- Semantic web service

Smart grid & Design of Electric Motor

- Robotic Applications
- Analyse of Smart Vehicles
- Finite Element
- Renewable Energy

Tutorials session for TWESD 2018 are designed to provide audiences with skills and to round out their knowledge of important topics:

- **Python:** **Atef Boujelben**, FSS
- **Deep learning:** **Ghassen Smaoui**, CES Lab
- **STM 32 Board:** **Zied Loukil** and **Ferdaous Masmoudi**, Novel-Ti company