

# 9<sup>th</sup> Tunisian Workshop on Embedded Systems Design

## **TWESD 2021**



#### **General Chair**

Omar Cheikhrouhou, ISIMA, Mahdia, Tunisia Honorary Chair

Mohamed Abid, CES Lab, Sfax, Tunisia Honorary Guests

**Olfa Kanoun**, Chemnitz University of Technology, Germany

Habib Hamam, Moncton University, Canada.

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Kais Loukil, CES Lab, Sfax, Tunisia

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**Financial Chair** 

Walid Hassairi, ISIMA, Mahdia, Tunisia

**Web Chair** 

Amina Magdich Applied College, PNU, KSA

#### Registration:

Student: 300 TND (300 USD for Foreign)
Permanent: 400 TND (400 USD for Foreign)
Industrial: 500 TND (500 USD for Foreign)

Registration for one day: 100 TND

https://cutt.ly/1TCHz1N

Order form in the name of: Tunisian Association

of Scientific Research (ATRS)

Registration Deadline: 11/12/2021

Link of Registration:

https://forms.gle/OEzBVMrHv6OR58az8



For more details please visit our website on:

http://ceslab.org/twesd2021/

Contact: twesd2021@hotmail.com

### 19 - 21 December 2021

IBEROSTAR Hotel, Royal El Mansour

Mahdia, Tunisia



## CALL FOR PARTICIPATION

**About:** The combination of Internet of Thing (IoT) and blockchain offers various potential benefits and allows smart devices to function autonomously without the need for a centralized authority. In this context, the 9th Tunisian Workshop on Embedded Systems Design (TWESD) intends to gather and illustrate experiences in tools development and utilization in the area of Blockchain, IoT and embedded systems design for smart cities applications. TWESD 2021 will include PhD and expert presentations in the following topics:

## Blockchain/IoT/Embedded Systems

- Industry 4.0
- Smart Agriculture
- HyperLedger Fabric
- Smart Cities
- Smart Healthcare
- Ethereum, Smart Contracts

**Tutorials session:** TWESD 2021 is designed to provide audiences with skills and to round out their knowledge of important topics:

- Challenges and Prospects for Wearable Sensors:
   Olfa Kanoun, Chemnitz University of Technology, Germany
- Blockchain Fundamentals

Manel Boujelben, ENETCom, Sfax, Tunisia

Blockchain for the Cybersecurity of Smart Cities:

Omar Cheikhrouhou, ISIMA, Mahdia, Tunisia

- Hands on labs: Internet of things, BlockChain, Raspberry:
   Walid Labidi, Expert and Manager of Smart Ways Innovations
- Framework for lean IoT Product Development:
   Mohamed kharrat, fondateur de CompiTechnology,
- Hands-on Labs: Blockchain:

Hedi Choura, CES Lab ENIS, Sfax, Tunisia,

Blockchain, a disruptive technology beyond cryptocurrencies:
 Ihsen Alouani, Associate Professor at INSA Hauts-de-France,

**Best Innovative IoT Project in TWESD 2021** 

Project submission on the web site

http://ceslab.org/twesd2021/CallforCompetition.html

















