

Friday May 12, 2017

	11:00am - 12:30am	Lunch break	02:30pm - 03:00pm	03:05pm - 04:00pm	Prayer break	04:30pm - 05:30pm	05:35pm - 07:20pm	Dinner	09:00pm
	Registration		Workshop Opening	Keynote 1 Nizar MERTAH (from Sofia Holding)		Keynote 2 Wajih KHAROUBI (from Sofrecom)	Session 1 SoCs & Real Time		Cultural Evening Mohamed BEN SALEM "Smart Parenting"

Saturday May 13, 2017: IoT Day

09:00am - 10:30am	Coffee break	11:00am - 12:30am	Lunch break	02:30pm - 04:00pm	Prayer break	04:30 pm - 06:00pm	Dinner	09:00pm
Tutorial 1 Lamia CHAARI (Sfax University, ISIMS)		Tutorial 2 Abderrazek JEMAI (Carthage University, INSAT)		Tutorial 3 Nizar MERTAH (from Sofia Holding)		Tutorial 4 Product Development Manager IoT Mini Laboratory		Traditional Evening Music, Karaoke & Games

Sunday May 14, 2017

08:30am - 09:00am	09:00am - 12:15am	- 01:00pm	Lunch break	02:30pm - 06:00pm	Dinner	09:00pm
Keynote 3 Kais SIALA	Tutorial 5 Mohamed KHARRAT	Arduino Competition ACT'2017		Entertainment Activities: Sport and Swimming Coaching		Laboratory Meeting

Monday May 15, 2017

08:00am - 10:00am	Coffee break + Poster session	10:25am - 12:45am	12:45am - 01:00pm	Check-Out
Session 2 WSN & Control		Session 3 Smart grid & Design of Electric Motor	Closing ceremony	

Keynote Speakers

Friday May 12, 2017

03:05pm - 04:00pm Mr. Nizar MERTAH
Sofia Holding Products and Applications.

04:30pm - 05:30pm Mr. Wajih KHARoubi
Internet of Things: Overview

Sunday May 14, 2017

08:30am - 09:00am Mr. Kais SIALA
Analyzing Heart Rate Variability: Case study of Marcus Vollmer's
Matlab toolbox & NDE simulation: State of play and perspectives.

Session 1. SoCs & Real Time

Session chair: Abderrazek JEMAI

05:35pm - 05:55pm Mariem Makni "Hardware resource estimation for heterogeneous
FPGA-based SoCs".

06:00pm - 06:20pm Nesrine Abid "Architectures reconfigurables pour la détection et la
reconnaissance d'objets visuels".

06:25pm - 06:45pm Yousra HadjHassen "Real world person re-identification constraints
based descriptor".

06:50pm - 07:20pm Abderrahmen Guerhazi "Gestion efficace et évolutive des clés pour la
sécurité de routage multi-saut dans les réseaux de capteurs sans fils à
grande échelle".

IoT Day

09:00am - 10:30am Pr. Lamia CHAARI
Concepts, Trends, Research Issues, Opportunities and Challenges of IoT.

11:00am - 12:30am Pr. Abderrazek JEMAI
Codesign of IoT components.

02:30pm - 04:00pm Mr. Nizar MERTAH
L'expérience de Sofia technologies dans la robotique connectée " OGY
votre nouvel ami intelligent !".

Session 2: WSN & Control

Session chair: Mohamed ABID

08:00am - 08:20am Khouloud Bouaziz "A Review on FPGA interconnect topologies".

08:20am - 08:40am Raoudha Saida "A UML/MARTE based design of Network
reconfiguration for WSN".

08:40am - 09:00am Fida Adoini "SoC-based wireless sensor node for water pipeline
monitoring".

09:00am - 09:20am Hanen Abbes "Conception et implémentation de la commande MPPT
sur FPGA".

09:20am - 09:40am Yousri Ben Salah "Multi level Co-Simulation based on Arena and
System C".

09:40am - 10:00am Nissaf Fredj "High Level Design of scheduling and adaptation view in
the DP-RTE systems: A survey".

Poster Session

10:00am - 10:20am Omar Naifar "On the stabilization of a class of nonlinear delayed
systems".

Abdellatif Ben Makhlof "Stability study of a class of nonlinear
systems".

Session 3. Smart Grid & Design of Electric Motor

Session chair: Hafedh TRABELSI

10:25am - 10:45am Anis Njeh "3D FEA and fault diagnosis of radial flux PMSM topologies
for EV application".

10:45am - 10:05am Mabrouka Gmiden "An analyzing-based detection system for securing
in-vehicle CAN bus network".

11:10am - 11:30am Med Hedi Chabchoub: "Battery/SuperCapacitors Drive System for golf
carts".

11:30am - 11:50am Imen Jarraya "Energy management of an electric vehicle equipped with
an on-board energy storage unit".

11:55am - 12:10am Sabri Rhili "Modeling of a Single-Phase Two-Stage Grid-Connected
Photovoltaic System".

12:15am - 12:45am Fatma Mallouli "Iris Localization using general distribution mixture
model in the segmentation process".

