

7 th Tunisian Workshop on Embedded Systems Design – Sfax. Tunisia - July 22-24

Sunday July 22, 2018

08:00-08:30am	08:30-08:45 am	08:45-09:45am	09:45am - 10:30am	Coffee break	11:00am - 12:00pm	12:00pm - 01:30pm
Registration	<i>Workshop Opening</i>	Session 1 PhD. Presentations	Tutorial 1 Brahim Hnich		Tutorial 2 Yessine Hadj Kassem Omar Cheikhrouho	Training 1 Python 3 Atef Boujelbène

Monday July 23, 2018

	08:30am - 09:30am	09:30am - 10:30am	Coffee break	11:30 am - 01:30pm
	Session 2 PhD. Presentations	Training 1 Python 3 Atef Boujelbène		Training 2 STM32 Zied Loukil, Ferdaous Masmoudi

Thursday July 24, 2018

	08:30am - 09:30am	09:30am - 10:30am	Coffee break	11:00 - 11:30am	11:30-12:15pm	12:15-01:15pm	01:15-03:15pm
	Session 3 PhD. Presentations	Training 3 Deep Learning Ghassen Smaoui		Tutorial 3 Mosaad Ben Ayed	Laboratory meeting + <i>Closing</i>	Lunch	Cultural afternoon

Session 1 : SoCs & Real time

Session chair : Mouna Baklouti

- 08 :45-09:00 am : Faten Mrabet “Scheduling analysis and correction of multiprocessor real time systems
- 09 :00-09 :15am : Nissaf Fredj “High level design and Verification of reconfigurable real-time and embedded systems”.
- 09:15-09:30am : Kais Siala : Virtual reality: tendency and applications
- 09-30-09:45 am : Salma Chaieb“ Gestion de l’obsolescence des informations à l’aide de réseau bayésien »

Tutorial 1

- 09:45-10:30am : Brahim Hnich “Constraint Programming: Research Directions”

Tutorial 2

- 11:00-11:30 am : Yessine Hadj kacem
- 11:30 – 12:00 pm : Omar cheikhrouhou “Multi-robot coordination”

Training 1

- 12:00-01:30 pm : Atef Boujelbène: “Introduction to Python 3”

Session 2 : Smart Grid & Design of Electric Motor

Session chair : Ali Mansouri

- 08:30- 08:45am: Imen jarraya “Modeling and parameters Estimation for Lithium-Ion cells in Electric Drive Vehicle”.
- 08:45-09:00 am : Jihed HMAD “Smooth transition from GC to SA mode for utility interactive DG inverter”
- 09:00-09:15 am: Hajer Mel “Modélisation et estimation des pertes fer dans une machine synchrone à aimants permanents ”
- 09:15-09:30 am : Ines Jmal “Using an AI adequate approach to enhance security of web”

Training 1

- 09:30-10:30 am : Atef Boujelbène: “Python 3- Case study ”

Training 2

- 11:00-01:30 pm : Zied loukil, Ferdaous Masmoudi: “STM32 Training – Prototype”

Session 3 : WSN & Control

Session chair: Mohamad Wassim Jmal

- 08:30- 08:45 am: Raoudha saida “MDE based approach to design a low power sensor”
- 08:45-09:00am : Aya ayadi “analyse et classification de données par la detection d’anomalie dans les réseaux de capteurs sans fil”
- 09 :00-09 :15 am : Nesrine Atitallah “Cross-layer adaptation for wireless sensor networks”
- 09:15-09:30 am: Mayssa BenSalah “ Vers un diagnostic automatique des tumeurs osseuses à travers une représentation sémantique des données 2D-3D”

Training 3

- 09 :30-10 :30 am : Ghassen Smaoui : “Deep Learning Training – Basic notions of machine

Tutorial 3

- 11:00-11:30 am : Mossad Ben ayed “Environnement de co-simulation des systèmes multi niveaux”