

University of Sidi Mohamed Ben Abdellah
Faculty of Science and Technology of Fez
LSIA Laboratory



THE 3RD LSIA DOCTORAL DAYS

May 2 - 3, 2017

Intelligent Systems and Applications Laboratory Research Teams

- ✓ Artificial vision and embedded systems
- ✓ Intelligent Environments and Applications
- ✓ Communication Systems and Knowledge Processing

The doctoral days aim at providing the LSIA Ph.D. candidates an academic environment to present their latest work, discuss with senior researchers and share ideas with other fellow researchers.

 **The Conference Center FST-Fez**

For more information

Doctoral Days Coordinators

Pr. K. Abbad

Khalid.abbad@usmba.ac.ma

Pr. A. Benabbou

Abderrahim.benabbou@usmba.ac.ma

Pr. M.C. Abounaima

Medchaouki.abounaima@usmba.ac.ma

Laboratory Director

Pr. A. ZARGHILI

arsalane.zarghili@usmba.ac.ma

www.fst-usmba.ac.ma





Aims of the Doctoral Days

The LSIA doctoral days aim at providing the Ph.D. candidates an academic environment to present their latest work, discuss with senior researchers and share ideas with other fellow researchers.

It is also an opportunity for our guests to discover the research topics and training activities applied to various disciplines within our laboratory.

This event, is not only destined to the Ph.D students in the laboratory, but also to other Ph.D students and Masters students who are wondering about the nature of research in a computer science PhD. Senior researchers are also invited.

This year, the LSIA doctoral days will be spread out over two days: Tuesday and Wednesday, the 2nd and 3rd of May 2017. According to the following program.



Program

Tuesday, May 2nd, 2017

08:30	Welcome and Registration
09:00	Opening speeches : - Pr. M. IJJAALI, Dean of the Faculty of Science and Technology Fez - Dr. NIKOLA S. NIKOLOV, University of Limerick Ireland - Pr. A. ZARGHILI , Director of the SIA laboratory:
09:30	Keynote : « Overview Of The Research Projects In The Visual Insight Research Group » <i>Dr. NIKOLA S. NIKOLOV, University of Limerick Ireland</i>
10:30	Coffee Break
11:00 Oral Session : Natural language processing	
11:00-11:15	«Towards A New Translation System From Arabic Text To Arabic Sign Language» by Mourad BROUR
11:15-11:30	«Automatic Arabic Sign Language Translator» by Mohamed YOUNESS FTICHI
11:30-11:45	«Towards a lexical ontology of the Arabic language from a medieval dictionary» by Mustapha KHALFI
11:45-12:00	«Arabic Optical Character Recognition» by Younes LASRI
12:00	Lunch break
14:30 Oral Session : Image processing / Image analysis	
14:30-14:45	«2D Image Analysis Using Discrete Orthogonal Moment» by Imad BATIOUA
14:45-15:00	«2D And 3D Image Classification Using Method Of Moments» by Rachid BENOUMINI
15:00-15:15	«Medical Image Denoising Based On Morphological Reconstruction And The NI-Means Algorithm» by Abdelhamid EL HASSANI
15:15-15:30	«Facial Aesthetic Quality Analysis» by Manal EL RHAZI
15:30-15:45	«Image Processing For Polyps Detection And Localization» by Tarik GHANNAM
15:45 -16:00	«3D Object Recognition» by Safae ELHOUEFI
16:00	Coffee Break
16:30 Oral Session : Mobile / Social learning	
16:30-16:45	«Semantic Web Technologies For Intelligent Integration Of Information In Cultural Heritage» by Bilal BENMAHRIA
16:45-17:00	«Implementing Social And Mobile Learning In A Higher Education Context» by Oumayma CHERGUI
17:00-17:15	«Automated Assessment Of C Programs Using Static & Dynamic Analysis» by Sara MERNISSI

THE 3RD LSIA DOCTORAL DAYS

May 2 - 3, 2017



Program

Wednesday, May 3rd, 2017

9:00 Oral Session : Artificial intelligence / Data Management	
9:00 -9:15	« Predictive Analysis Using The Fuzzy Analogy Model » by Soufiane EZGHARI
9:15-9:30	« Data Storage Security In The Cloud » by Imad ELGHOUBACH
9:30-9:45	« Big Data Analytics And Medicine - State Of The Art » by Khawla TADIST
9:45-10:00	« Implementation Of Non Binary LDPC Code » by Fatima ZENKOUAR
10:00-10:15	« Data Warehouse Meta Modelisation by Integration Of The Multi-Analysis » by Lamiae DEMRAOUI
10:15	Coffee break
10:45 Session for New PH.D Students	
10:45-10:50	« Designing An Intelligent Dialogue System For Young Learners » by Mohammed TAOUIL
10:50-10:55	« Big Data For The Moroccan Education System » by Kawtar AHTAR
10:55-11:00	« Medical Data Analysis Using Deep Learning » by Brahim AIT SKOURT
11:00-11:05	« The Impact Of Big Data On The Moroccan Healthcare System » by Abdelali EL IDRISSE
11:05-11:10	« Speaker Recognition With Deep Learning » by Soufiane HOURRI
11:00-11:05	« Parallel Processing Of Big-Data Analytics To Optimize Performance In Federated Clouds » by Mohammed BERGUI
11:05-11:10	« Geographic Routing Protocols In Vanets : Study, Performance Evaluation And Improvements » by Safae SMIRI
11:10-11:15	« Study And Modeling From The device Hearing For A Purpose To help the Diagnosis » by Adil BOUCHANA
11:15-11:20	« Image Encryption Using Chaos » by Abdelhalim KAMRANI
11:20-11:25	« A System Of Moroccan Sign Language Recognition » by Ilham ELOUARIACHI
11:25 Round table and closure of the doctoral days	

Organizing Committee

Pr. Arsalane Zarghili, FST, USMBA, Fez
Dr. NIKOLA S. NIKOLOV, University of Limerick Ireland
Pr. Jamal Kharroubi, FST, USMBA, Fez
Pr. Rachid Benabbou, FST, USMBA, Fez
Pr. Azeddine Zahi, FST, USMBA, Fez
Pr. Aicha Majda, FST, USMBA, Fez
Pr. Ahlame Begdouri, FST, USMBA, Fez
Pr. Khalid Zenkouar, FST, USMBA, Fez
Pr. Ilham Chaker, FST, USMBA, Fez

Pr. Khalid Abbad, FST, USMBA, Fez
Pr. Said Najah, FST, USMBA, Fez
Pr. Abderrahim Benabbou, FST, USMBA, Fez
Pr. Mohamed Chaouki Abounaima, FST, USMBA, Fez
Pr. Lamrini Loubna, FST, USMBA, Fez
Pr. Abdelali Boushaba, FST, USMBA, Fez
Ph.D Student : Oumayma Chergui, FST, USMBA, Fez
Ph.D Student : Manal EL RHAZI, FST, USMBA, Fez
Ph.D Student : Abdelhamid EL HASSANI, FST, USMBA, Fez