

**The First INTERNATIONAL CONFERENCE ON SIGNALS, AUTOMATION  
AND TELECOMMUNICATIONS (ICSAT'2018)  
Sultan Moulay Slimane University,  
Polydisciplinary Faculty, Beni Mellal, Morocco  
May 2-4, 2018**

**PROGRAM OVERVIEW**

<b>02-mai-18</b>	
08:00-09:30	Registration
09:30-10:30	Opening Speech & Speech by Invited Speaker (Prof. Dr. Mohammed M'Saad from ENSICAEN, Caen, France), Chairman: Prof. M. Frikel.
10:30-10:50	Coffee Break
11:00-12:30	Session 1
12:30-14:00	Lunch
14:30-15:30	Speech by Invited Speaker (Prof. Dr. Omar El kharki, From FST, Tangier Morocco). Chairman: Prof. H. Mouncif
15:40-16:00	Coffee Break
16:10-18:00	Session 2 and 3
<b>03-mai-18</b>	
09:00-10:20	Speech by Invited Speaker (Prof.Dr. Miloud Frikel, From ENSICAEN, Caen France), Chairman, Prof. S. Safi
10:20-10:40	Coffee Break
10:40-12:30	Session 4 and 5
12:30-14:00	Lunch
14:10-15:50	Session 6
15:50-16:10	Coffee Break
16:20-18:00	Session 7

<b>04-mai-18</b>	
09:00-10:30	Workshop : Master project realization on Telecommunication engineering
10:30-10:50	Coffee Break
10:30-12:00	Cloture session and presentation of the 2 <sup>nd</sup> following version of the ICSAT conference in the next year.
12:30-13:30	Lunch
14:00-18:00	Closing Event aboard the Beni Mellal City.

### MAY 02 2018: ORAL PRESENTATIONS

<b>Session 1 (oral session) - Chairman: Prof. Miloud Frikel</b>	
11:00	« <b>Amélioration de la qualité des quantificateurs reliés aux performances du conducteur pour la détermination de l'hypovigilance au volant</b> », Tristan BONARGENT, Eric PIGEON, Nicolas BESSOT, Mathieu POULIQUEN, Olivier GEHAN, Tomas MENARD and Damien DAVENNE
11:20	« <b>Sensor Fault Tolerant Control Of Switched Hybrid Systems</b> », S. Bedoui, S. Yahia and A. Kamel, Research Unit: Numerical Control of Industrial Processes National Engineering School of Gabes, University of Gabes, Tunisia.
11:40	« <b>Automatic prostate segmentation using Active Shape Model</b> », A. Daoudi, University Tahri Mohammed Bechar, Bechar, Algeria.
12:00	« <b>The identification of the different stages of the hydration of portland composite cements Cpj 45 and Cpj 35, using the ultrasound p-wave attenuation coefficient</b> », N. Khatib, E. Ouacha, B. Faiz, M. Ezzaidi, H. Banouni, Laboratory of Metrology and Information Processing, Ibn Zohr University, Faculty of science, B.P. 8106, Agadir, Morocco.
12:20	« <b>A kernel functions analysis for support vector machines to identify Argan forest using Landsat 8 image</b> », O. El Kharki, R. Moskolai, J. Mechbough, K. Auhmani, D. Ducrot and J. M. Ngonon, Faculté des Sciences et Techniques, Tanger, Université Abdelmalek Essaadi, Maroc.

<b>Session 2- Chairman: Prof. Hicham Mouncif</b>	
16:10	« <b>Focusing Operators for Direction Of Arrival Estimation of Wideband Signals in Unknown Correlated Noise</b> », M. Frikel and S. Safi, Laboratoire d'Automatique de Caen, 2 Cte de nacre-Bd Marchal Juin, 14032 Caen, France.
16:30	« <b>A closed loop subspace identification method with a limited number of data</b> », M. Pouliquen, E. Pigeon and O. Gehan and M. Frikel, Laboratoire d'Automatique de Caen, 2 Côte de nacre-Bd Marchal Juin, 14032 Caen, France.
16:50	« <b>Two decades of blind equalization research : ofdm system</b> », A. Moussa, M. Frikel, M. Pouliquen, S. Bedoui, A. Kamel and M. M'Saad, Laboratoire d'Automatique de Caen, 2 Côte de nacre-Bd Marchal Juin, 14032 Caen, France.

17:10	« <b>Extended B-polynomial approach for Wiener time-delay systems based on least squares approach</b> », A. Atitallah, S. Bedoui and A. Kamel, Research Unit: Numerical Control of Industrial Processes National Engineering School of Gabes, University of Gabes, Tunisia.
17:30	« <b>Observer design for systems with variable delay in state and in output measurements</b> », B. Targui, O. Hernandez-González and C.-M. Astorga-Zaragoza, Laboratoire d'Automatique de Caen, 2 Côte de nacre-Bd Marichal Juin, 14032 Caen, France.

Session 3- Chairman: Prof. Mohamed M'Saad	
16:10	« <b>Study of the Capacity Limits and Multiplexing Gain of MmWave Cellular System</b> », S. Elkassimi, S. Safi, B. Manaut and S. Taj, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
16:30	« <b>The Business Analytics in Telecom area</b> », B. Jabir, N. Falih, K. Rahmani, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
16:50	« <b>Wavelet Networks for WDS computing</b> », T. Ait Benrami, J. Antari, Y. Jabrane and R. Iqdour, Faculty of Science, Ibn Zohr University Agadir, Morocco.
17:10	« <b>A novel evaluation method based on the Gini Simpson index for image segmentation</b> », M. Ameur, M. Habba and Y. Jabrane, GECOS Laboratory, Cadi Ayyad University, Marrakesh-Morocco.
17:30	« <b>A Comparison of Entropy Metrics in 1D Discrete Dynamical System</b> », Y. Khmou, S. Safi and M. Frike, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.

### MAY 03 2018 : ORAL PRESENTATIONS

Session 4- Chairman: Prof. B. Bouikhalene	
10:40	« <b>Mammogram Classification using Nonsampled Contourlet Transformation and Gray-Level Co-occurrence Matrix for Detection of Breast Tissue Cancer</b> », K. Taifi, N. Taifi, R. Ahdid, M. Fakir and S. Safi. LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
11:00	« <b>Big data Analytics for telecommunications sectors</b> », L. Rabhi, N. Falih, L. Afraites, B. Bouikhalene, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
11:20	« <b>Arabic digits speech recognition and speaker identification in noisy environment using MFCC</b> », A. Ouissaadane and S. SAFI, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco..
11:40	« <b>A Comparative Study between different Approaches of Speech Recognition</b> », A. Ouissaadane , S. SAFI and M. Frikel, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
12:00	« <b>Comparative Study Between Wideband DOA Estimation Algorithms: TCT, TOPS, W-CMSR</b> », I. El Ouargui, S. SAFI and M. Frikel, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.

<b>Session 5- Chairman: Prof. Hicham Mouncif</b>	
10:40	« <b>Adaptive Ranking of Scientific Research Papers Based on Author score and paper score</b> », M. Elmohadab, B. Bouikhalene and S. Safi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
11:00	« <b>Integration Between Enterprise Resource Planning Systems and Data Warehousing in Organization</b> », M. Elmohadab, B. Bouikhalene and S. Safi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
11:20	« <b>An Overview on Software Technologies of Remote Laboratories</b> », M. Elhajri, M. Elmohadab, B. Bouikhalene and S. Safi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
11:40	« <b>NonLinear System Identification Using Cumulants</b> », S. Safi, A. Antari and M. Frikel, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
12:00	« <b>An Automatic Detection of Cracks in Road Surface</b> », N. Taifi, K. Taifi and S. Safi. LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.

<b>Session 6- Chairman: Prof. Abdessamad Malaoui</b>	
14:10	« <b>Technologie d'impression 3D de matériaux polymères : Dépôt de Fil Fondu</b> », M. Ouhsti, B. EL Haddadi and S. Belehouideg, Equipe de Physique Appliquée et Nouvelles Technologies Faculté Polydisciplinaire Beni Mellal, Université Sultan Moulay Slimane Béni-Mellal, Maroc
14:30	« <b>Semantic web of things for sharing knowledge between distributed systems and IOT components</b> », F. Tahtoub and H. Mouncif, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
14:50	« <b>VANET: Algorithms and applications</b> », yassine bagoun, Hicham Mouncif, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
15:10	« <b>Holistic approach for Business Process Reengineering : Case study in a Moroccan Telecom Company</b> », N. Falih, B. Jabir, L. Rabhi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
15:30	« <b>Iteratif Decoding of GPCB-Codes based on RS codes using adapter scaling factors</b> , E. Azougaghe, A. Farchane and S. Safi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.

**MAY 04 2018: POSTER AND WORKSHOP**

	<b>Session 7 (Poster+Workshop )- Chairman: Prof. Khalid Auhmani/Abdessamad Malaoui</b>
09:00-10 :30	« <b>Cartographie des classes de sévérités des feux dans le Rif Marocain utilisant les images satellites Landsat-8 et sentinel-2</b> », I. Zidane, Y. Manyari, R. Lhissou, A. Boulli and M. Manrouki, Science de la vie FSTBM, Université Sultan Moulay Slimane Beni Mellal, Maroc.
09:00-10 :30	« <b>Commande par mode glissant sans capteur de vitesse d'un moteur asynchrone à base d'un observateur de type MRAS</b> », A. Mansouri and H. Hamiani, Département de Génie Electrique,ENPO, laboratoire de recherche en automatique et analyse des systemes, Oran, Algérie.
09:00-10 :30	« <b>Réalisation d'un radar anticollision entre</b> », H. Facoiti, M. Frikel and S. Safi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
09:00-10 :30	« <b>Réalisation d'un Emetteur/Récepteur basés sur la LiFi</b> », I. El Boukhaddaoui, M. Frikel and S. Safi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
09:00-10 :30	« <b>Réseaux FTTH conception architecture et déploiement</b> », S. Koukhou, S. Safi and N. Falih, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
09:00-10 :30	« <b>Design and implementation of a secure and efficient solution against injection attacks</b> », L. Bensahab and Y. Sadqi, LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.
09:00-10 :30	« <b>Méthodes Non Paramétriques de Classification d'Images Satellites : Etude Comparative et Implémentation de Trois Algorithmes (SVM, ANN et Arbre de Décision)</b> », O. El Kharki, R. Moskolai, J. Mechbough, K. Auhmani, D. Ducrot and J. M. Ngono, Faculté des Sciences et Techniques, Tanger, Université Abdelmalek Essaadi, Maroc.
09:00-10 :30	5- Présentation sur : « <b>Contrôle d'accès automatique à un parking privé</b> », E. Rouan, M. Frikel, J. Antari and S. Safi LIMATI laoratory, Polydisciplinary Faculty, Sultan Moulay Slimane University, Beni Mellal Morocco.