

Program

Day 1 Webinar Address (October 1, 2020):

https://zoom.us/webinar/register/WN_3INI-KCAQ7m9UqHloGQ8PQ

Day 2 Webinar Address (October 2, 2020):

https://zoom.us/webinar/register/WN_TnD_tHIBRtSO9luH1bCKLQ

Detailed Program: <http://www.med-space.org/docs/icmcs20-program.pdf>


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GMT+1 (Morocco Time)		Opening ceremony + Session 1: Advanced Technologies against COVID-19 pandemic	
		Webinar address: https://zoom.us/webinar/register/WN_3INI-KCAQ7m9UqHloGQ8PQ Moderators: Profs. Mohamed Essaïdi & Youssef Zaz, Founder Chairs of ICMCS	
Thursday 1 st October 2020	09:00-09:15	<ul style="list-style-type: none"> - Prof. Mustapha Stitou, President of Abdelmalek Essaadi University, Morocco - Prof. Abdelatif Moukrim, Dean of Faculty of Science, Tetouan, Morocco - Prof. Mohamed Essaïdi, Founder Chair of ICMCS - Prof. Abdelaaziz El Hibaoui, Chair of ICMCS'20 	Opening ceremony
	09:15-10:00	<p style="text-align: center;">Computational Intelligence for Visualization of the Covid-19 Monitoring and Prediction: Indonesia Case By Prof. Teddy Mantoro Sampoerna University, Jakarta, Indonesia. Chair of Computational Intelligence Society - IEEE Indonesia Chapter</p> <p style="text-align: center;"><i>Discussion (15 min)</i></p>	 Keynote talk + discussion
	10:00-10:45	<p>Change Mining test algorithms toolset (ID - 11) <i>Asmae Hmami, Hanae Sbai, Mounia Fredj</i></p> <p>Efficient Malware Classifier for a Smart Cybersecurity Framework (ID - 12) <i>Ikrâm Ben abdel ouahab, Lotfi El aachak, Anouar Abdelhakim Boudhir, Mohammed Bouhorma</i></p> <p>Searching key nodes in complex network using Multi-criteria decision-problem (ID - 13) <i>Khaoula Ait rai, Tarik Agouti, Mustapha Machkour, Jilali Antari</i></p> <p>The crucial role of AI deep learning in the fight against Covid-19 (ID - 14) <i>Ayanouz Soufyane, Boudhir Anouar Abdelhakim, Mohammed Benbmed</i></p> <p>Development of a clinical system for the early detection of COVID-19 using deep learning based on chest x-ray images (ID - 15) <i>M.Qjidaa, A.Ben-Fares, Y.Mechbal, H.Amakdouf, M.Maaroufi, B.Alami, H.Qjidaa</i></p> <p>A patient-centric and privacy-preserving conversational agent for mobile health (ID - 16) <i>Souad Sadki, Iliès Assad, Driss Allaki</i></p>	5 min video presentations + discussions



N. B.


- 1 Webinar address is valid for the whole day program.
- 5 min Video presentations will be broadcasted via Zoom Platform in the scheduled time and will be accessible via **YouTube MSTI Channel** during the conference days. Authors can ask organizers to remove their own videos from YouTube just after the conference.
- Authors of presented videos must be ready to answer questions during their session discussion via Zoom Platform.


GMT+1 (Morocco Time)		Session 2: Artificial Intelligence		
		Webinar address: https://zoom.us/webinar/register/WN_3INI-KCAQ7m9UqHloGQ8PQ Moderator: Prof. Abelkrim Haqiq, FST Settat, Morocco		
Thursday 1 st October 2020	11:00-11:45	<p>Artificial Intelligence in Cloud Computing and Internet-of-Things By Prof. Vincenzo Piuri IEEE Follow, University of Milan, Italy.</p> <hr/> <p>Discussion (15 min)</p>		Keynote talks + discussions
	11:45-12:30	<p>Artificial Intelligence and Deep learning: The shift from building cool tech to solving real problems By Prof. Hajar Mousannif Faculty of Science, Marrakech, Morocco.</p> <hr/> <p>Discussion (15 min)</p>		
	12:30-13:15	<p>Effective Deep models for Arabic sentiment analysis (ID - 21) <i>Mohamed Berrimi, Abdelouahab Moussaoui, Mourad Oussalab, Mohamed Saidi</i></p> <p>Predicting technology success based on patent data and Neural Networks (ID - 22) <i>Marie Saade, Maroun Jneid, Imad Saleh</i></p> <p>PV power generation forecasting using DL models (ID - 23) <i>Basma Saad, Abdelhak Aqqal, Asmae El Hannani</i></p> <p>Predicting Smart Grid Stability using Enhanced Deep Learning Model (ID - 24) <i>Abdulwahed Salam, Abdelaziz El Hibaoui</i></p> <p>Machine Learning Classification Algorithms: Comparative Analysis (ID - 25) <i>El Idrissi El Bouzaidi Yousra, Abdoun Otman</i></p> <p>Shape Optimization of Planar Inductors for RF Circuits using a Metaheuristic Technique based on Evolutionary Approach (ID - 26) <i>Imad El hajjami, Bachir benbala</i></p> <p>Genetic algorithm for the Design of 4th order active Band Multiple Feed Back and Sallen key topologies (ID - 27) <i>Asmae El Beqal, Bachir Benbala, and Izeddine Zorkani</i></p> <p>Applications of Machine Learning Algorithms in Smart Grids (ID - 28) <i>A. Mbamed, A. El Hibaoui, A Ben Dahmane</i></p>		5 min video presentations + discussions

GMT+1 (Morocco Time)		Session 3: Internet of Things (IoT)	
		Webinar address: https://zoom.us/webinar/register/WN_3INI-KCAQ7m9UqHloGQ8PQ Moderator: Prof. Gerald Schaefer, Loughborough University, United Kingdom, UK.	
Thursday 1 st October 2020	13:30-14:15	<i>Enabling Wireless Integration of IoT Applications for Context Aware Environments</i> By Prof. Francisco Falcone Universidad Pública de Navarra, Spain. <hr/> <i>Discussion (15 min)</i>	 Keynote talks + discussions
	14:15-15:00	<i>Internet of Things (IoT) for Living Buildings: Algorithmic and Computing challenges</i> By Prof. Driss Benhaddou University of Houston, Texas, USA. <hr/> <i>Discussion (15 min)</i>	
	15:00-15:45	Taxonomy of security attacks in the Internet of Things (ID - 31) <i>Hind Meziane, Noura Ouerdi, Kasmi Mohammed Amine, Sanae Mazouz</i> Secure Architecture of Fog Computing in IoT health System (ID - 32) <i>Mohamed Amziab, Souad Amjad, Ismail Jellouli</i> Overview of activation functions for neural networks : Application for plant disease diagnosis (ID - 33) <i>El Mehdi Raoubi, Mohamed Lachghar, Ali Kartit</i> A Lightweight Blockchain Framework for IoT Integration in Smart Cities (ID - 35) <i>Zakariae Dlimi, Abdellah Ezzati, Saïd Ben alla</i>	5 min video presentations +










GMT+1 (Morocco Time)		Session 4: Cloud & Parallel Computation	
		Webinar address: https://zoom.us/webinar/register/WN_3INI-KCAQ7m9UqHloGO8PQ Moderator: Prof. Hajar Mousannif, Faculty of Science, Marrakech, Morocco.	
Thursday 1 st October 2020	16:00-16:45	<p><i>QoS-based Service Selection in Cloud Computing</i> By Prof. Muhammad Younas Oxford Brookes University, UK.</p> <hr/> <p><i>Discussion (15 min)</i></p>	
	16:45-17:30	<p><i>Steiner Minimal Trees: An Introduction, Parallel Computation, and Future Work</i> By Prof. Fred Harris, Jr. Computer Science & Engineering, University of Nevada, Reno, USA.</p> <hr/> <p><i>Discussion (15 min)</i></p>	
	17:30-18:30	<p>Multi-Agent identity combined key Signature authentication Protocol based schnorr signature with provable security under AVISPA (ID - 41) <i>Sanae Hanaoui, Jalal Laassiri, Yousra Berguig</i></p> <p>A New Model for Cloud Data Integrity Auditing with Deduplication Based on Blockchain & MAS (ID - 42) <i>Mohammed El gbazouani, My Ahmed El kiram, Latifa Er-rajy, Yassine EL khabboubi</i></p> <p>Ontology for intelligent big data system (ID - 43) <i>Sajida Mhammedi, Noredine Gherabi</i></p> <p>Big Data Analytics in Supply Chain Management (ID - 44) <i>L. Tamym, M. D. El ouadghiri, L. Benyoucef, A. Nait Sidi Mob</i></p> <p>Multi-agent based traffic light optimizing for privileged vehicles (ID - 45) <i>Abdelouafi Ikidid, Abdelaziz El Fazziki</i></p> <p>ARL Clustering method for community detection, applied to user's friendship of Online Social Networks (ID - 46) <i>Mohamed El-moussaoui, Mohamed Hanine, Ali Kartit</i></p> <p>Knowledge Processing Using Bayesian Network in the Intelligent Tutoring System (ID - 47) <i>Fatima-Zobra Hibbi, Otman Abdoun, El Khatir Hainmoudi</i></p>	
		Keynote talks + discussions	
		5 min video presentations + discussions	

GMT+1 (Morocco Time)		Session 5: Computer Vision and Application	
		Webinar address: https://zoom.us/webinar/register/WN_TnD_tHIBRtSQ9luH1bCKLQ Moderator: Prof. Muhammad Younas, Oxford Brookes University, UK.	
Friday 2 nd October 2020	09:00-09:45	<i>Multimodality molecular imaging: Paving the way for personalized medicine</i> By Prof. Habib Zaidi Geneva University Hospital, Switzerland & University of Groningen, The Netherlands & University of Southern Denmark, Odense, Denmark.	 Keynote talk + discussions
	<i>Discussion (15 min)</i>		
	09:45-11:00	On Fuzzy Clustering Algorithms for STT Satellite Images Segmentation (ID - 52) <i>Ayoub Tamim, Mohamed Snoussi, Khalid Minaoui, Salma El Fellab, Mohamed EL Ansari</i> Countering audiovisual content against piracy (ID - 53) <i>kelkoul Houria, Youssef Zaz</i> Multi-Label Medical Text Classification using Handcrafted and Doc2Vec-Based Automatic Features Cooperation (ID - 54) <i>Rim Chaib and Nabiba Azizi and Didier Schwab and Navel Zemmal</i> Plant diseases detection based on machine learning techniques: state-of-art (ID - 55) <i>Fatima zabra Guerrouj, Rachid Latif</i> Color image compression algorithm using two scans order for DCT blocks (ID - 56) <i>Abdelbamid Messaoudi</i> Edge detection of DNA bands in agarose gel electrophoresis images. (ID - 57) <i>Sara Gherdaoui, Fadoua Belarbi, chabinez Zaoui</i> Embedded Implementation of monitoring Algorithm based Precision Agriculture (ID - 58) <i>Amine Saddik, Rachid Latif, Abdelbafid El ouardi</i> Classification of XML Compression Techniques (ID - 59) <i>Nassima Belkacem, Fouzi Semchedine, Djamil Aissani</i>	5 min video presentations + discussions
11:00-11:45	<i>Using metaheuristics for image processing applications</i> By Prof. Gerald Schaefer Loughborough University, United Kingdom, UK.	 Keynote talk + discussions	
<i>Discussion (15 min)</i>			

GMT+1 (Morocco Time)		Session 6: Programing & Computer Security	
		Webinar address: https://zoom.us/webinar/register/WN_TnD_tHIBRtSQ9luH1bCKLQ Moderator: Prof. Francisco Falcone, Universidad Pública de Navarra, Spain.	
Friday 2 nd October 2020	12:00-12:45	<p><i>Security of the Tactile Internet</i> By Prof. Anas Abou El Kalam ENSA Marrakech, Morocco.</p> <hr/> <p><i>Discussion (15 min)</i></p>	 Keynote talk + discussion
	12:45-13:45	<p>Integrity Verification of Outsource Computing (ID - 61) <i>Abdel ali Harchaoui, Abdelaziz El bibaoui, Ahmed Bendabmane</i></p> <p>Security Challenges in Vanet Networks: A survey (ID - 62) <i>Manale Boughanja</i></p> <p>Analysis of Classifiers Selection and Sampling Methods for Imbalanced Medical Data Classification (ID - 63) <i>Lamari Mouna, Azizi Nabiba, Nacer Eddine Hammami, Assia Boukhamla</i></p> <p>On Improving the Construction of Balanced Incomplete Block Designs Using Prime Numbers (ID - 64) <i>Oualid El Ghachi, Abdelghni Lakebal, Nasser Labani</i></p> <p>optimization of software architectures using evolutionary algorithms (ID - 65) <i>Fatima Ezzaabra El harradi</i></p> <p>Arabic Chatbot based on Deep Learning (ID - 66) <i>Mouhamed Bousaksson, M. Erritali, H. Ezzikouri</i></p> <p>Classification of ransomware using two types of neural networks (ID - 67) <i>H. Madani, N. Ouerdi, A. Boumesaoud, A. Azizi</i></p> <p>Artificial intelligence and machine learning in cyber security (ID - 68) <i>Nabil Sabli, Hugues Bersini, Mohamed Benmohammed</i></p> <p>PID VS LQR-Feedback Linearization Control of Quadricopter (ID - 69) <i>Chaymaa Boutabiri, Hattab Maker, Said Ben alla</i></p>	5 min video presentations + discussions

GMT+1 (Morocco Time)		Session 7: Video and Signal Processing		
		Webinar address: https://zoom.us/webinar/register/WN_TnD_tHIBRtSQ9luH1bCKLQ Moderator: Prof. Fred Harris, Computer Science & Engineering, Univ. of Nevada, USA.		
Friday 2 nd October 2020	14:30-15:15	<i>Image-based 3D reconstruction of the human body shape and its use in the creation of virtual fitting rooms</i> By Prof. Fernand S. Cohen Director of the Imaging and Computer Vision Center, Drexel University, Philadelphia, USA.		
	<i>Discussion (15 min)</i>		Keynote talks + discussions	
	15:15-16:00	<i>Smart Services using Voice, Video and Images</i> By Prof. Peter L. Stanchev Kettering University, Flint, USA, & Bulgarian Academy of Sciences, Sofia, Bulgaria		
		<i>Discussion (15 min)</i>		
16:00-17:30		Multiple Input Multiple Output Radar Design Using Software Seined Radio (ID - 71) <i>Robert Gilpin, M. Hefnaoui, J. Bray</i> Speckle Noise Reduction in DSPI Fringes using Multi-Directional Total Variation (ID - 72) <i>Mustapha Babich</i> Arabic Vowel Recognition based on the energy contained in modulators using ANN (ID - 73) <i>Nesrine Abajaddi, Badiia Mounir, Ilham Mounir, Mohammed Farchi</i> An Accurate Identification Method of Exons using an Antinoch Fractional Filter (ID - 74) <i>Mabery Lebilahy, Youcef Ferdi</i> A Hybrid Image Thresholding Technique Based on Local and Global Parameters Applied to Ancient Document Analysis (ID - 75) <i>Said Ech-chadi, Youness Echchadi</i> Throughput Maximization Based on Utility Function in the LI-FI system (ID - 76) <i>Abdelmoujoud Assabir, Jamal Elmhamdi-Azizja, Chakir-Ahmed Hammouch</i> An improved orthogonal polynomial approach to solve wave propagation in cylindrical MEMS resonators (ID - 77) <i>I. Naciri and L. Elmaimouni</i> P2P Video Streaming on Android Mobile Devices (ID - 78) <i>Youssef Labbabi, Ahmed Hammouch</i> Integration of user feedback on cognitive vision application (ID - 79) <i>Houda Bichri, Adil Chergui, Mustapha Hain</i> Big Data Analytics in Supply Chain Management (ID - 80) <i>M. D. El onadghiri, L. Benyoucef, A. Nait Sidi Mob</i>		5 min video presentations + discussions

Organizing Committee

<p>Prof. Abdelaaziz El Hibaoui General Chair Faculty of Science Tetouan, Morocco</p> 	<p>Prof. Mohamed Essaïdi Founder Chair ENSIAS Rabat, Morocco</p> 	<p>Prof. Youssef Zaz Founder Chair Faculty of Science Tetouan, Morocco</p> 
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