

International Conference on Artificial Intelligence for Cyber Security Systems and Privacy.

AI-CSP 2021

20 - 21 Nov El Oued, Algeria

Program

Saturday, November 20th 2021

08:30 – 09:00	Registration	
09:00 – 09:30	Plenary Opening ceremony Keynotes: Rector & Pr. Hafid AOURAG & Pr. Kholadi MK Eddine	
09:30 – 09:45	Coffee break	
09:45 – 10:45	Keynote Speaker 1: Kherfi Mohammed Lamine Artificial intelligence for Covid-19: An algorithm for learning representation and clustering simultaneously.	
Parallel Sessions 1		
	Session 11: Security, Blockchain and IoT. Session Chair: Saber BENHARZALLAH	Session 12: Session Chair: Laid KAHLOUL
10:45 – 10:55	34/ Tarek Cherifi, Walid Cherifi, Kenza Challal, Leila Abbad, Malika Bouterfas and Abdelghani Gramez MUBus: A new secure industrial communication protocol based on ModBus and Ubus protocols	37/ Bouchra Rehia Louassef and Noureddine Chikouche Privacy preservation in healthcare systems
11:00 – 11:10	24/ Anwar Noureddine Bahache and Noureddine Chikouche A comparative analysis of RFID authentication protocols for healthcare applications	13/ Ouahab Abdelwhab and Belhadj Fatima A new Deep Learning Model for COVID-19 Identification using Chest X-ray and CT Scan images
11:15 – 11:25	10/ Mostefa Kara, Abdelkader Laouid, Ahcene Bounceur, Farid Lalem and Muath Alshaikh A Novel Delegated Proof of Work Consensus Protocol	16/ Neili Zakaria, Fezari Mohamed, Redjati Abdelghani and Kenneth Sundaraj Three ResNet Deep Learning Architectures Applied in Pulmonary Pathologies Classification
11:30 – 11:40	8/ Salah Eddine Agab, Roumiassa Ferhat and Fatma Zohra Chelali Robust hand gesture recognition based on mWLD and LTep descriptors	19/ Djalal Rafik Hammou Classification and detection of covid-19 in human respiratory lungs using convolutional neural network architectures
11:45 – 11:55	9/ Assia Ould Hamou and Fatma Zohra Chelali Hand Gesture Recognition Based on LPQ and MRELBP Descriptors	20/ Mohamed Amine Guerroudji, Kahina Amara, Samir Benbelkacem, Adel Oulefki, Nadia Zenati, Djamel Aouam, Oualid Djekoune and Mostefa Masmoudi Automatic Brain Tumor Segmentation, and 3D Recon-struction and Visualization Using Augmented Reality

12:00 – 12:10	15/ Faïçal Khennoufa and Abdellatif Khelil Exact bit error rate of cooperative NOMA without diversity combining	33/ Lakhdar Nadjib Boucetta, Bilal Chemloul and Karima Rebai EMG-Based Hand gesture recognition for myoelectric prosthetic hand control
12:15 – 13:15	Lunch Break	
13:15 – 14:15	Keynote Speaker 2: Abdelfattah Amamra Machine learning future in cybersecurity	
Parallel Sessions 2		
	Session 21: Session Chair :Saber BENHARZALLAH	Session 22: . Session Chair :Laid KAHLOUL
14:15 – 14:25	27/ Kahina Amara, Nadia Zenati, Oualid Djekoune, Mohamed Anane, Ilhem Kheira Aissaoui and Hasna Rahma Bedla i-DERASSA: e-learning Platform based on Augmented and Virtual Reality interaction for Education and Training	32/ Belaggoune Mohammed and Benblidia Nadjia Automated assessment of breast density on mammogram images based on convolutional neural networks
14:30 – 14:40	45/ Abdelhakim Hannousse and Salima Yahiouche RF-DNN2: An ensemble learner for effective detection of PHP Webshells	42/ Habib Aissaoua, Abdelkader Laouid and Mostefa Kara Secure Consensus Clock Synchronization in Wireless Sensor Networks
14:45 – 14:55	11/ Leïla Boussaad and Aldjia Boucetta The aging effects on face recognition algorithms: the accuracy according to age groups and age gaps.	21/ Mostefa Masmoudi, Nadia Zenati, Samir Benbelkacem, Zineb Hadjadj, Oualid Djekoune, Mohamed Amine Guerroudji and Yousra Izountar Low-cost haptic glove for grasp precision improvement in Virtual Reality-Based Post-Stroke Hand Rehabilitation
15:00 – 15:10	25/ Izountar Yousra, Benbelkacem Samir, Otmane Samir, Khababa Abdellah, Zenati Nadia and Masmoudi Mostefa Towards an adaptive Virtual Reality Serious Game System for Motor Rehabilitation based on Facial Emotion Recognition	12/ Ahmed Moumena A New Intelligent Jamming Attacks Detection using FCM clustering technique Based on Data Mining for Wireless Communication
15:15 – 15:25	28/ Zakaria Neili, Mohamed Fezari, Abdelghani Redjati and Kenneth Sundaraj VGG16, ResNet-50, and GoogLeNet Deep Learning Architecture for Breathing Sound Classification: A Comparative Study	46/ Khaled Chait, Abdelkader Laouid and Lamri Laouamer A Multi-Key Based Lightweight Additive Homomorphic Encryption Scheme

Sunday, November 21th 2021

Parallel Sessions3		
	Session 31: Session Chair :Saber BENHARZALLAH	Session 32: Session Chair :Laid KAHLOUL
08:00 – 08:10	44/ Hayet Benbrahim and Ali Behloul Fine-tuned Xception for Image Classification on Tiny ImageNet	43/ Ali Cherif Khalfallah, Hadj Said Naima and Ali Pacha Adda A new image scrambling technique only with a specific permutation
08:15 – 08:25	40/ Hichem Rahab, Abdelhafid Zitouni and Mahieddine Djoudi Arabic Fake News and Spam Handling: Methods, Resources and Opportunities	36/ Mohammed Elhabib Kahla, Mounir Beggas, Abdelkader Laouid, Mostefa Kara and Muath Alsaikh Asymmetric Image Encryption Based on Twin Message Fusion

08:30 – 08:40	18/ Messaoud Abbas, Meftah Mohammed Charaf Eddine, Iman Kadi and Amara Miloudi A CNN Model for Leukemia Diagnosis	
08:45 – 09:45	Keynote Speaker 3: Mohammad Hammoudeh Achieving Trustless Security Through the Integration of Blockchain, Internet of Things and Digital Twins	
09:45 – 10:00	Closing Ceremony	