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International Conference on Data Science, E-learning and Information Systems 2021

DATA' 2021

The Conference is co-sponsored by UDIMA, ACM and IARES.

April 12th -13th, 2021

Petra, Jordan

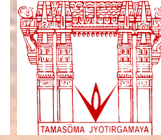
<http://iares.net/Conference/DATA2021>

The DATA 2021 will be held at the Petra, Jordan





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First Day, Monday – 12th April, 2021

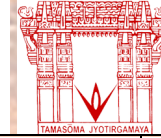
Particulars	Zoom Link	Time (GMT +3)
Opening Ceremony		10:45 – 11:00
Keynote Session by Prof. P. V. Kumar Talk Title: VAL based DISCOVERY of CFDs	https://zoom.us/meeting/register/tJIoce2uqD4vGNXyZdQzvAeGq30CYj9pqWz8	11:00 – 11:30
Keynote Session by Prof. Dr. Dammavalam Srinivasa Rao Talk Title: Fusion of ML, DL, AI for Data Science Applications	Meeting id: 965 6466 5521 Password: 610792	11:30 – 12:00
Parallel Sessions (S1)	https://zoom.us/meeting/register/tJIoce2uqD4vGNXyZdQzvAeGq30CYj9pqWz8 Meeting id: 965 6466 5521 Password: 610792	12:00 - 14:00
Parallel Sessions (S2)	https://zoom.us/meeting/register/tJEpfuivrTljEtcJxp_SECQVChW5kGuUGIEL Meeting ID: 954 9173 9983 Password: 283774	12:00 - 14:00
Parallel Sessions (S3)	https://zoom.us/meeting/register/tJ0lc-gsqDgvGdTTfnFecqYtrlgK4FjTG0Eg Meeting ID: 998 4346 3530 Password: 494174	12:00 - 14:00
Break	--	14:00 - 15:00
Keynote Session by Dr. Stephanie Moore Talk Title: The Worthwhileness of Learning Analytics: Going from Data to Information to Intelligence	https://zoom.us/j/99720851610?pwd=ZFpnM3NPc29JcU5zOFhlRjk1anpGQT09 Meeting ID: 997 2085 1610 Password: 988595	15:00 – 16:00

Second Day, Tuesday – 13th April, 2021

Parallel Session (S4)	https://zoom.us/meeting/register/tJUqcuysrTIsHdNW395b4No5W120UI598KLw Meeting ID: 917 5543 9677 Password: 283619	10:00 - 12:30
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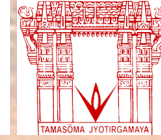
Parallel Sessions (S5)	https://zoom.us/meeting/register/tJUdp-iupzMuGdW0EGZKIX26U-EYfdYtF9LC Meeting ID: 914 0169 8431 Password: 022276	10:00 - 12:30
Parallel Sessions (S6)	https://zoom.us/meeting/register/tJYvcOmqrDtE92dGMkzEro6-7YXTja_Kfi6 Meeting ID: 922 7022 9799 Password: 528448	10:00 - 12:30
Vote of Thanks	https://zoom.us/meeting/register/tJUqcuysrTIsHdNW395b4No5W120UI598KLw Meeting ID: 917 5543 9677 Password: 283619	12:30 – 12.45
Conference End		

The following are the steps to be followed to login to Zoom sessions

1. Install Zoom Software
2. Login with Gmail account in Zoom Software
3. Click on the link provided to join the meeting
4. Register yourself with First name Last Name and Gmail ID
5. Join the session



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Session 1: Day 1 - 12-04-2021

Time: 12:00-14:00

Stream: Data Engineering

Zoom Link: [https://zoom.us/meeting/register/tJloce2uqD4vGNXyZdQzvAeGq30CYj9pqWz8](https://zoom.us/join/https://zoom.us/meeting/register/tJloce2uqD4vGNXyZdQzvAeGq30CYj9pqWz8)

Session Chairs: Dr. G. Suresh Reddy / Dr. B.V. Seshukumari

S.No	Authors	Title of Paper
1	Manasa Mortha, Seetha Maddala, Vishwanadha Raju	Data Preprocessing for Learning, Analyzing and Detecting the Scene Text Video based on Rotational Gradient
2	Manasa Mortha, Seetha Maddala, Vishwanadha Raju	Detection of Text from Video with Customized Trained Anatomy
3	Shadi Aljawarneh and Juan Alfonso Lara Torralbo	Meteorological forecasting based on big data analysis
4	Tuan Pham and Faisal Al Anezi	Fuzzy Cross Recurrence Analysis and Tensor Decomposition of Major-Depression Time-Series Data
5	Mary Koone and Ramez Elmasri	Public Datasets: Access, Download and Cleaning (AWS)
6	Majdi Beseiso	Essay Scoring Tool by Employing RoBERTa architecture
7	Abdul Hanan Khan Mohammed, Hrag Jebamikyous, Dina Nawara and Rasha Kashef	IoT Cyber-Attack Detection: A Comparative Analysis

Session 2: Day 1 - 12-04-2021

Time: 12:00-14:00

Stream: Deep Learning/ CNN / Natural Language Processing

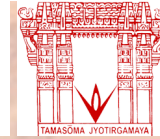
Zoom Link: [https://zoom.us/meeting/register/tJEpfuivrTljEtcJxp_SECQVChW5kGuUGIEL](https://zoom.us/join/9151234567890)

Session Chairs: Dr. Muneer Bani Yassein / Prof. Arun Nagaraja

S.No	Authors	Title of Paper
1	Gulmira Bekmanova, Yerkin Ongarbayev, Baubek Somzhurek and Nurlan Mukatayev	Intelligent learning systems for LLL courses
2	Gaziza Yelibayeva, Altynbek Sharipbay, Gulmira Bekmanova and Assel Omarbekova.	Ontology-based extraction of Kazakh language word combinations in Natural Language Processing
3	Raghda Fawzey Hriez, Ghazi Al-Naymat and Arafat Awajan	An Effective Algorithm for Extracting Maximal Bipartite Cliques
4	Hamzeh Al-Kilani and Abdallah Qusef	OSINT Techniques integration with Risk Assessment ISO 27001
5	Sewar Khalifeh and Amjed Al-Mousa	A Book Recommender System Using Collaborative Filtering Method
6	Javier Rozo, Marta S. Tabares and Paola Vallejo.	Graffiti and government in smart cities: a Deep Learning approach applied to Medellín City, Colombia
7	Khalfan Ali Al Kindi and Ferddie Quiroz Canlas.	Prediction Model of Commitment of New Self-Employed Omanis to Insurance Systems
8	Esra A. Abdelnabi and Abdelsalam Maatuk	Generating UML Use Case and Activity Diagrams from Software Requirements Using Natural Language Processing



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Session 3: Day 1 – 12-04-2021

Time: 12:00-14:00

Stream: Internet of Things (IOT)

Zoom Link: <https://zoom.us/join/zoom/register/tJ0lc-qsqDqvGdTTfnFeqcYtr1gK4FjTG0Eg>

Session Chairs: Dr. Vikram Raju R / Dr. G. Madhu

S. No	Authors	Title of Paper
1	Bashar Abdallah, Ammar Abdallah and Sylvie Ratte	Detecting Depression in Alzheimer and MCI Using Artificial Neural Networks (ANN)
2	Muneer Bani Yassein, Ismail Hmeidi, Fatimah Alghazo, Bayan Odat and Ayat Smairat	Energy Saving Techniques in CoAP of Internet of Things
3	Zozan Hussain, Zena Dallalbashi and Shaymaa Alhayali	Reviews of using solar energy to cover the energy deficit after the recent war in Mosul city
4	Ahmed Hambouz, Yousef Shaheen and Mohammad Ababneh.	An Internet Of Things (IoT) Forensics Model Using Third-Party Logs-Vault
5	Abdallah Hwoij, Ashhar Khamaiseh and Mohammed Ababneh	SIEM Architecture for the Internet of Things and Smart City
6	Safaa Hriez, Sufyan Almajali and Mousa Ayyash	Trust Models in IoT-enabled WSN: A review
7	Tareq Abed Mohammed, Mohammed N. Qasim and Oguz Bayat	Hybrid solution of challenges future problems in the new generation of the artificial intelligence industry used operations research industrial processes
8	Houda Zitan and Chafik Khalid	Synthesis of literature review on predictors of Green IoT irrigation adoption in Morocco: Theoretical construct essay



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Session 4: Day 2 – 13-04-2021

Time: 10:00 - 12:30

Stream: Healthcare

Zoom Link: <https://zoom.us/meeting/register/tJUqcuysrTIsHdNW395b4No5W120UI598KLw>

Session Chairs: Dr. G. Rajesh Kumar / Dr. A. Sreenivasa Rao

S.No	Authors	Title of Paper
1	Sravan Kiran Vangipuram and Rajesh Appusamy	Machine Intelligence Framework for Covid-19 Diagnosis
2	Abdelbaset M. Elghriani, Abdelwanis A. Alabbar, Abdelsalam Maatuk and Ehab A. O. Elfallah	Health Care Workers' Use of Electronic Medical Information Systems: Benefits and Challenges
3	Salma F. Elharish, Isam Denna, Abdelsalam Maatuk and Ebitisam K. Elberkawi	Application of Electronic Health Records in Polyclinics: Barriers & Benefits
4	Wala M. Eltajoury, Abdelsalam Maatuk, Isam Denna and Ebitisam Elberkawi	Physicians' Attitudes towards Electronic Prescribing Software: Perceived Benefits and Barriers
5	Anood Manasrah, Aisha Alkayem, Malik Qasaimeh and Samer Nofal	Assessment of Machine Learning Security: The Case of Healthcare Data
6	Narmeen Hiyari and Shaidah Jusoh	Healthcare Training Application 3D First Aid Virtual Reality
7	Ebitisam Elberkawi, Abdelsalam Maatuk, Wala M. Eltajoury and Salma F. Elharish	Exploring Online Learning Challenges during COVID-19 Pandemic: Perspective of Instructors
8	Sravan Kiran Vangipuram and Rajesh Appusamy	A Survey on Similarity Measures and Machine Learning Algorithms for Classification and Prediction



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Session 5: Day 2 – 13-04-2021

Time: 10:00 - 12:30

Stream: Machine Learning

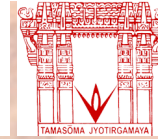
Zoom Link: <https://zoom.us/join/9151234567890>

Session Chairs: Dr. Dammavalam Srinivasa Rao / Dr. N. Rajasekhar

S.No	Authors	Title of Paper
1	Rasha Kashef	Detecting Overlapping Communities in Social Networks Using A Modified Segmentation by Weighted Aggregation Approach
2	Mohammed Nasereddin and Abdallah Qusef.	Risk assessment in Mobile phones: Comprehensive Analysis
3	Amal Saif, Hamzeh Al-Kilani, Malik Qasaimah and Abdullah Al-Refai.	An analysis of Android Applications Permissions
4	Marta S. Tabares, Paola Vallejo, Alex Montoya, Jose Sanchez and Daniel Correa.	SECA: A Feedback Rules Model in a Ubiquitous Microlearning Context
5	M.S.B. Phridviraj, C. V. Guru Rao, Aravind Cheruvu, V. Radhakrishna	Similarity Association Pattern Mining in Transaction Databases
6	Aravind Cheruvu, V. Radhakrishna	Survey of Similarity Measures for Time stamped Temporal Datasets
7	Ismail Mhamdi	Digital transformation in Morocco by 2025: How ADD is catalysing this transformation?



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Session 6: Day 2 – 13-04-2021

Time: 10:00 - 12:30

Stream: Security & Networks

Zoom Link: https://zoom.us/meeting/register/tJYvcOmqrDltE92dGMkzEro6-7YXTja_Kfi6

Session Chairs: Dr. Vikram Raju R / Dr. N. Mangathayaru

S. No	Authors	Title of Paper
1	Rana Faek, Mohammad Alfawareh and Mustafa Al-Fayoumi	Exposing Bot attacks Using Machine learning and Flow level analysis
2	Arun N, Uma Boregowda and V. Radhakrishna	Study of Detection of DDoS attacks in cloud environment Using Regression Analysis
3	Arun N, Uma Boregowda and V. Radhakrishna	Regression analysis for network intrusion detection
4	Arun N	Fake News Detection Using Machine Learning Methods
5	Arun N, Uma Boregowda and V. Radhakrishna	FUZZY SIMILARITY FUNCTIONS FOR FEATURE CLUSTERING AND DIMENSIONALITY REDUCTION
6	Arun N, Uma Boregowda V. Radhakrishna and G. Rajesh Kumar	DESIGN OF GAUSSIAN SIMILARITY MEASURE USED WITHIN NETWORK ANOMALY DETECTION