



IEEE UEMCON– 2017

**The 8th IEEE Ubiquitous Computing, Electronics and Mobile Communication Conference
Columbia University, New York City, NY, USA
19th -21st October, 2017**

TECHNICAL SCHEDULE

CONTENTS

DAY	EVENT DETAILS	PAGE NUMBER
DAY 1	KEYNOTE 1 ARTIFICIAL INTELLIGENCE – WHERE WE ARE, WHERE WE’RE GOING, AND THE CONCERNS	4
	KEYNOTE 2 BIG DATA, INTERNET OF THINGS, AND DENTISTRY: WHAT DO THEY HAVE IN COMMON?	4
	SESSION 1 BIG DATA, IMAGE PROCESSING AND MULTIMEDIA TECHNOLOGY	4
	SESSION 2 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, MOBILE AND WIRELESS COMPUTING	5
	SESSION 3 IMAGE PROCESSING, MULTIMEDIA TECHNOLOGY, ARTIFICIAL INTELLIGENCE AND OTHERS	6
	SESSION 4 BIG DATA, ARTIFICIAL INTELLIGENCE, MOBILE AND WIRELESS COMPUTING	6
	SESSION 5 COGNITIVE RADIO NETWORKS, MOBILE AND WIRELESS COMPUTING, ROBOTICS	7
	SESSION 6 AD HOC NETWORKS, DATA MANAGEMENT AND OTHERS	7
	SESSION 7 CONTROL THEORY AND APPLICATIONS AND IMAGE PROCESSING	7
	SESSION 8 MICROELECTRONIC CIRCUIT EMBEDDED SYSTEMS, CLOUD AND VIRTUAL NETWORKS	8
DAY 2	KEYNOTE 3 QUICKWAY – AN INTELLIGENT CITY-HIGHWAY NETWORK	9
	KEYNOTE 4 AN ANALYSIS OF THE VULNERABILITY OF HOBBY AND COMMERCIAL UAS	9
	KEYNOTE 5 DATA ANALYTICS AND LEARNING SYSTEMS: THE ROLE OF THE INTERNET-OF- THINGS	9
	SESSION 11 ELECTRONIC INSTRUMENTATIONS, NETWORK SECURITY AND OTHERS	9
	SESSION 12 ROBOTICS, AUTONOMOUS SYSTEMS AND OTHERS	10
	SESSION 13 EVOLUTIONARY COMPUTATION, ALGORITHMS, VLSI AND MICROELECTRONIC CIRCUIT EMBEDDED SYSTEMS	10
	SESSION 14 INFORMATION SECURITY AND ENCODING TECHNOLOGY, NETWORK ARCHITECTURES, OTHERS	11
	SESSION 15 CONTROL THEORY, IMAGE PROCESSING AND MULTIMEDIA TECHNOLOGY	12
	SESSION 16 ELECTRONIC POWER CONVERTERS AND INVERTERS, ALGORITHM AND OTHERS	12
	SESSION 17 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	13
DAY 3	KEYNOTE 8 THE PHILOSOPHY OF MODELS, WHAT THEY CAN AND CANNOT TELL US	20
	KEYNOTE 9 A GAME THEORETIC MODEL OF COMPUTER NETWORK EXPLOITATION CAMPAIGNS	20
	KEYNOTE 10 PERSISTENT SURVEILLANCE PROCESSING UTILIZING FPGAS	20

SESSION 24	CLOUD AND VIRTUAL NETWORKS, NETWORK ARCHITECTURES	20
SESSION 25	SENSOR NETWORK AND MULTIMEDIA	21
SESSION 26	ELECTRONICS, ADHOC NETWORK AND OTHERS	21
SESSION 27	ADHOC NETWORK AND OTHERS	21
	WORKSHOP ON RASPBERRY-PI 3	24
	WORKSHOP ON DATA ANALYTICS	24
	WORKSHOP ON RASPBERRY-PI 3	24
	WORKSHOP ON DATA ANALYTICS	24

DAY-1:**19th October, 2017**

TIME	NAME OF THE EVENT	VENUE
8:00AM – 9:00AM	REGISTRATION	PRESIDENTIAL BALLROOM
9:00AM – 9:45AM	INAUGURAL SPEECH	PRESIDENTIAL BALLROOM
9:45AM -10:30AM	KEYNOTE ADDRESS: DR. FREDRIC M. HAM TRICORP BUSINESS SOLUTIONS, USA ARTIFICIAL INTELLIGENCE – WHERE WE ARE, WHERE WE'RE GOING, AND THE CONCERNS	PRESIDENTIAL BALLROOM
10:30 AM – 11:15 AM	KEYNOTE ADDRESS: DR. JOSEPH FINKELSTEIN COLUMBIA UNIVERSITY , USA BIG DATA, INTERNET OF THINGS, AND DENTISTRY: WHAT DO THEY HAVE IN COMMON?	PRESIDENTIAL BALLROOM

11:15AM – 11:30AM	COFFEE BREAK	PRESIDENTIAL BALLROOM
-------------------	--------------	-----------------------

PARALLEL SESSIONS

SESSION – 1 : BIG DATA, IMAGE PROCESSING AND MULTIMEDIA TECHNOLOGY
SESSION CHAIR: ROBERT MITCHELL, SANDIA NATIONAL LABORATORIES, CALIFORNIA
SESSION TIME: 11:30AM –1:00PM
VENUE: PRESIDENTIAL BALLROOM

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:30AM – 11:45AM	1570349184	Subcarrier Allocation in LTE Network Deployment with Mobility	UttaraSawant, Robert Akl (University of North Texas, USA)

11:45AM – 12:00PM	1570386484	Smart Power-Strip: Home Automation by Bringing Outlets into the IoT	Yoonill Lee, Jean Jiang, Gabriel Underwood, Austin Sanders and Matt Osborne (Purdue University Northwest, USA)
12:00PM – 12:15PM	1570386947	Security and Privacy Risks in Electronic Communications: A User's Assessment	FarahmandFariborz (Georgia Tech, USA); Mikhail Atallah (Purdue University, USA); Joshua Ripple (Georgetown University, USA); Robin Merrill (Georgetown University, USA)
12:15PM – 12:30PM	1570370228	Urban Legislation Assessment by Data Analytics with Smart City Characteristics	XU DU, Diane Liporace, AparnaVarde (Montclair State University, USA)
12:30PM – 12:45PM	1570388770	An Efficient Hardware Implementation of Vector-based Odd-Even Merge Sorting	UdayKorat (Intel Inc., USA); Pratik Yadav (Ingenuinc, USA); Harshil Shah (San Diego State University, USA)
12:45PM – 1:00PM	1570371788	Chirp Pulse Envelope Evaluation for SAR Image Formation	Eric Balster, Frank Scarpino (University of Dayton, USA)

SESSION – 2: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, MOBILE AND WIRELESS COMPUTING

SESSION CHAIR: MOISES LEVY, FLORIDA ATLANTIC UNIVERSITY, USA

SESSION TIME: 11:30AM – 1:00PM

VENUE: SEMINAR ROOM 1

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:30AM – 11:45AM	1570390012	Smartwatch-Based Transcription Biometrics	Francesco Ciuffo and Gary Weiss (Fordham University, USA)
11:45AM – 12:00PM	1570382008	Addressing Fake News: Open Standards & Easy Identification	Joshua Hyman (University of Pittsburgh, USA)
12:00PM – 12:15PM	1570382341	Real Time Embedded System IPs Protection Using Chaotic Maps	Khaled Salah Mohamed (Mentor Graphics, Egypt)
12:15PM – 12:30PM	1570390106	A Survey on the Industrial Readiness for Internet of Things	Xianping Wang (Southeast Missouri State University, USA); HaoQiu (Fort Valley State University, USA); FeiXie (Mount Vernon Nazarene University, USA)

12:30PM – 12:45PM	1570394643	Analyzing the Effect of DoS Attacks on Network Performance	EmanAbdelfattah (Sacred Heart University, USA)
12:45PM – 1:00PM	1570394670	Design of K- user massive MIMO networks	Anil Kumar Yerrapragada and Brian T Kelley (University of Texas at San Antonio, USA)

SESSION – 3: IMAGE PROCESSING, MULTIMEDIA TECHNOLOGY, ARTIFICIAL INTELLIGENCE AND OTHERS

SESSION CHAIR: JAMES B COLE, UNIVERSITY OF TSUKUBA, JAPAN

SESSION TIME: 11:30AM – 1:00PM

VENUE: SEMINAR ROOM 2

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:30AM – 11:45AM	1570383545	New Sparsity Based Pansharping Algorithms for Hyperspectral Images	Chiman Kwan (Signal Processing Inc, USA); BenceBudavari (Signal Processing, Inc., USA); Minh Dao (Johns Hopkins University, USA); Jin Zhou (Signal Processing, Inc., USA)
11:45AM – 12:00PM	1570394969	Dynamic Fractional Frequency Reuse (FFR) Scheme for Two-Tier Network in LTE	Sultan Alotaibi and Robert Akl (University of North Texas, USA)
12:00PM – 12:15PM	1570395136	Medication Adherence Monitoring Using Modern Technology	Murtadha M. N. Aldeer (Rutgers, The State University of New Jersey, USA); Richard Martin (Rutgers University, USA)
12:15PM – 12:30PM	1570384728	Mobile Sensor-based Biometrics using Common Daily Activities	Kenichi Yoneda and Gary Weiss (Fordham University, USA)
12:30PM – 12:45PM	1570381569	SPEProxy: Enforcing Fine Grained Security and Privacy Controls on Unmodified Mobile Devices	Brian Krupp and Dan Jesensky (Baldwin Wallace University, USA)
12:45PM – 1:00PM	1570393020	A Comparative Study of Several Supervised Target Detection Algorithms for Hyperspectral Images	Dung Nguyen (Axon, Vietnam); Chiman Kwan (Signal Processing Inc, USA); BulentAyhan (Signal Processing, Inc., USA)

SESSION –4: BIG DATA, ARTIFICIAL INTELLIGENCE, MOBILE AND WIRELESS COMPUTING

SESSION CHAIR : ABHISHEKVERMA, NJCU, USA

SESSION TIME : 11:30AM – 1:00PM

VENUE: SEMINAR ROOM 3

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION AND COUNTRY
----------------------	-----------------	-------------------	---

11:30AM – 11:45AM	1570392651	Efficient Infrastructure Damage Detection and Localization Using Wireless Sensor Networks, with Cluster Generation for Monitoring Damage Progression	William Contreras and Sotirios Ziavras (New Jersey Institute of Technology, USA)
11:45AM – 12:00PM	1570384310	Automated Facial Expression Recognition App Development on Smart Phones using Cloud Computing	Humaid Alshamsi (Florida Institute of Technology USA)
12:00PM – 12:15PM	1570380677	Artificial Swarm Intelligence Amplifies Accuracy when Predicting Financial Markets	Louis Rosenberg (Unanimous A. I., USA); Niccolo Pescetelli (University of Oxford, United Kingdom (Great Britain)); Gregg Willcox (Unanimous AI, USA)
12:15PM – 12:30PM	1570377255	Reducing the Dependence on Batteries in Wearable Computing Through Energy Harvesting Techniques	David Pasko, Michael Mrazik (University of Bridgeport, USA), Khaled M. Elleithy (School of Engineering, University of Bridgeport, USA)
12:30PM – 12:45PM	1570385793	Data Analysis of Cyber-Activity within High Performance Computing Environments	Lanlan Ji and Sankalp Kolhe (Johns Hopkins University, USA); Antwan Clark (Johns Hopkins University & Laboratory for Physical Sciences, USA)
12:45PM – 1:00PM	1570394967	Enabling Densely-Scalable Low-Power WSNs for Shipping and Industrial IoT	Jennifer M Williams (Oregon State University & Intel Corporation, USA), Juan Ruiz, Gustavo Ramírez González (University of Cauca, Colombia), Rahul Khanna, Greeshma Pisharody, Yi Qian, Jiejie Wang, Christopher Carlson (Intel Corporation, USA), Huaping Liu (Oregon State University, USA)

SESSION –5: COGNITIVE RADIO NETWORKS, MOBILE AND WIRELESS COMPUTING, ROBOTICS

SESSION CHAIR : PHILLIP G. BRADFORD, UNIVERSITY OF CONNECTICUT, STANFORD, USA

SESSION TIME : 11:30AM – 1:00PM

VENUE: SEMINAR ROOM 4

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION AND COUNTRY
11:30AM – 11:45AM	1570393519	Keystroke-based Continuous Authentication while Listening to Music on Your Smart-phone	Abena Primo (Huston-Tillotson University, USA)
11:45AM – 12:00PM	1570393663	Eldercare Robotics Revolution- Explaining Robotics for Eldercare	Gregg Vesonder, Nicholas DiMaria, Kristen Tan, Bruno Salgado and Wenkang Su (Stevens Institute of Technology, USA)
12:00PM – 12:15PM	1570394066	No Inter-Network Tracking Area Update Scenario Toward 5G Network	Hussein Al Dorai (USA); Luay Alirakis (Wright State University, USA)
12:15PM – 12:30PM	1570394088	A Novel Bandwidth Efficient Orthogonal Frequency Division Multiplexing Scheme	Taleb Moazzeni (University of Nevada, Las Vegas, USA)
12:30PM – 12:45PM	1570394628	IBM Research Cloud Evolution & Efficiencies	Lorraine Herger (IBM Research, USA); Mercy Bodarky (IBM Research & STEM, USA); Carlos A Fonseca and William J Rippon (IBM Research, USA)

12:45PM – 1:00PM	1570394629	Framework for Generating and Designing Spectrum Awareness Modules for Opportunistic Networking	Oladiran G. Olaleye, Alaa Ali, Ahmed Aly, Muhammad Aamir Iqbal, Dmitri Perkins and MagdyBayoumi (University of Louisiana at Lafayette, USA)
-------------------------	-------------------	--	---

TIME	EVENT	VENUE
1:00PM – 2:00PM	LUNCH	PRESIDENTIAL BALLROOM

SESSION –6: AD HOC NETWORKS, DATA MANAGEMENT AND OTHERS

SESSION CHAIR :BIRSEN SIRKECI, SAN JOSE STATE UNIVERSITY, WASHINGTON

SESSION TIME : 2:00PM – 3:30PM

VENUE: PRESIDENTIAL BALLROOM

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2.00 PM -2.15 P.M	1570383595	A Comparative Analysis of Simulation and Experimental Results on RPL Performance	Kumar Yelamarthi, MdSayedulAman and Ahmed Abdelgawad (Central Michigan University, USA)
2.15 PM – 2.30 PM	1570394397	Runway Detection Using Unsupervised Classification	RamakalavathiMarapareddy and AsheshbabuPothuraju (The University of Southern Mississippi, USA)
2.30 PM - 2.45 PM	1570394402	An Efficient Clustering Scheme in Vehicular Ad-Hoc Networks	YaswanthKannekanti, GowriNunna, ViswanathBobba and AnirudhYadama (Texas A&M University-Kingsville, USA); AbdelrahmanElleithy (William Paterson University, USA)
2.45 PM – 3.00 P.M	1570386311	A New Tree Target Tracking Algorithm in WSNs	AmmarOdeh (Al Maarefa Colleges for Science & Technology, Saudi Arabia); EmanAbdelfattah (Sacred Heart University, USA)
3:00PM – 3:15PM	1570394290	Keystroke Biometric studies with Hidden Markov Model and Its Extension on Short Fixed-Text Input	Md L Ali (Caldwell University, USA); John Monaco (US Army Research Laboratory, USA); Charles Tappert (Pace University, USA)
3:15PM – 3:30PM	1570386153	Enhancing Sink Node Anonymity in Tactical Sensor Networks Using a Reactive Routing Protocol	Thomas Hakkensen (Office of Naval Research, USA); PreethaThulasiraman (Naval Postgraduate School, USA)

SESSION –7: CONTROL THEORY AND APPLICATIONS AND IMAGE PROCESSING

SESSION CHAIR : BRIAN KRUPP, BALDWIN WALLACE UNIVERSITY, USA

SESSION TIME : 2:00PM – 3:00PM

VENUE: SEMINAR ROOM 1

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2.00 PM -2.15 P.M	1570394457	Smarter spaces, smarter campus	Gregg Vesonder, Sean Trinh, Samantha DeLorenzo and George Ibuna (Stevens Institute of Technology, USA)
2.15 PM – 2.30 PM	1570394563	A Joint Sparsity Approach to Tunnel Activity Monitoring Using High Resolution Satellite Images	Minh Dao (Johns Hopkins University, USA); Chiman Kwan (Signal Processing Inc, USA); Kris Koperski and Giovanni Marchisio (Digital Globe, Inc., USA)
2.30 PM - 2.45 PM	1570394578	Deep Learning for Effective Detection of Excavated Soil Related to Illegal Tunnel Activities	Daniel Perez, Debrup Banerjee, YuzhongShen, Jiang Li (Old Dominion University, USA), Chiman Kwan (Signal Processing Inc, USA), Minh Dao (Johns Hopkins University, USA), Kris Koperski, Giovanni Marchisio (Digital Globe, Inc., USA)
2.45 PM – 3.00 P.M	1570389120	Channel Sparsity-Aware Recursive Least Squares Algorithms for Nonlinear System Modeling and Active Noise Control	Li Tan, VinithVijayarajan, Nicholas Chimitt, Jean Jiang and Alain Togbe (Purdue University Northwest, USA)

SESSION –8: MICROELECTRONIC CIRCUIT EMBEDDED SYSTEMS, CLOUD AND VIRTUAL NETWORKS

SESSION CHAIR :WEINAN GAO, GEORGIA SOUTHERN UNIVERSITY, USA

SESSION TIME : 2:00PM – 3:00PM

VENUE: SEMINAR ROOM 2

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2.00 PM -2.15 P.M	1570394728	Low-Power and High-Performance 2.4 GHz RF Transmitter for Biomedical Application	Ahmed Alzahmi and NahidMirzaie (Southern Methodist University, USA); Chung-Ching Lin (Southern Methodist University Dallas, USA); Gyung-Su Byun (Inha University, Korea)
2.15 PM – 2.30 PM	1570395175	A New Mobile SIP Proxy Integration Solution to Increase Scalability in 5G Mobile Operators	Lina AbouHaibeh (UQAT, Canada); Nadir Hakem (Université du Québec en Abitibi Témiscamingue& LRTCS Research Laboratory Télébec in Underground Communications, Canada)
2.30 PM - 2.45 PM	1570394623	Security Solutions and Design Scenarios for Software Defined Data Centers	SaiManognaDuttaluri and BijanKarimi (University of New Haven, USA)
2.45 PM – 3.00 P.M	1570394588	Smart Cooperative Firewalls	Thomas Graves and ChetanJaiswal (Truman State University, USA)

SESSION –9: NETWORK SECURITY, MULTIMEDIA TECHNOLOGY AND OTHERS

SESSION CHAIR :MOISES LEVY, FLORIDA ATLANTIC UNIVERSITY, USA

SESSION TIME: 2:00PM – 3:00PM**VENUE: SEMINAR ROOM 3**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2.00 PM -2.15 P.M	1570394696	A low-shot Deep Learning Approach for Improved Intrusion Detection	MdMoin Uddin Chowdhury (Old Dominion University, USA); Frederick Dowuona-Hammond (Ttuskegee University, USA); Glenn Konowicz, Jiang Li, ChunShengXin and Hongyi Wu (Old Dominion University, USA)
2.15 PM – 2.30 PM	1570394598	Real Time Video Transceiver using SDR testbed with Directional Antennas	ApurvShaha, Duy H. N. Nguyen and Sunil Kumar (San Diego State University, USA); Nathaniel W Rowe (Air Force Research Laboratory, USA)
2.30 PM - 2.45 PM	1570394634	MalFire: Malware Firewall for Malicious Content Detection and Protection	Wyatt Yost and ChetanJaiswal (Truman State University, USA)
2.45 PM – 3.00 P.M	1570394963	Implementing Directional Tx-Rx of High Modulation QAM Signaling with SDR Testbed	ApurvShaha, Duy H. N. Nguyen and Sunil Kumar (San Diego State University, USA);

SESSION –10: DISTRIBUTED SYSTEMS, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**SESSION CHAIR :ABENA PRIMO, HUSTON-TILLOTSON UNIVERSITY, USA****SESSION TIME : 2:00PM – 3:00PM****VENUE: SEMINAR ROOM 4**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570394718	Consensus Protocols for Blockchain-based Data Provenance: Challenges and Opportunities	Deepak K Tosh (Norfolk State University, USA), Sachin Shetty (Old Dominion University, USA), Xueping Liang (Institute of Information Engineering, P.R. China), Charles A Kamhoua (US Army Research Laboratory & Network Science Division, USA), Laurent Njilla (Air Force Research Laboratory, USA)
2:15PM – 2:30PM	1570394702	Assessing the Credibility of Vehicle Data Reported by Anonymous Sources	Robert Thomas and Jose Vidal (University of South Carolina, USA)
2:30PM – 2:45PM	1570383719	Development of a Motion Controlled Robotic Arm	Jean Jiang, Alex McCoy, Eric Lee and Li Tan (Purdue University Northwest, USA)
2:45PM – 3:00PM	1570374885	Residual Squeeze CNDS Deep Learning CNN Model for Very Large Scale Places Image Recognition	AbhishekVerma (NJCU, USA), HussamQassim, David Feinzimer (CSUF, USA)

TIME	EVENT	VENUE
3:30PM – 4:00PM	COFFEE BREAK	PRESIDENTIAL BALLROOM

DAY-2:**20th October, 2017**

TIME	NAME OF THE EVENT	VENUE
8:00AM – 9:00AM	REGISTRATION	PRESIDENTIAL BALLROOM
9:00AM – 9:45AM	KEYNOTE ADDRESS: PROF. LUTZ SPAROWITZ TECHNICAL UNIVERSITY OF GRAZ,AUSTRIA QUICKWAY – AN INTELLIGENT CITY-HIGHWAY NETWORK	PRESIDENTIAL BALLROOM
9:45AM – 10:30AM	KEYNOTE ADDRESS: DR. LANIER WATKINS JOHNS HOPKINS UNIVERSITY, USA AN ANALYSIS OF THE VULNERABILITY OF HOBBY AND COMMERCIAL UNMANNED AERIAL SYSTEMS (UAS)	PRESIDENTIAL BALLROOM
10:30AM – 11:15AM	KEYNOTE ADDRESS: PROF. ROBERT STEELE POLYTECHNIC UNIVERSITY'S HEALTH INFORMATICS INSTITUTE DATA ANALYTICS AND LEARNING SYSTEMS: THE ROLE OF THE INTERNET-OF- THINGS	PRESIDENTIAL BALLROOM
11:15AM – 11:30AM	COFFEE BREAK	PRESIDENTIAL BALLROOM

PARALLEL SESSIONS

SESSION –11: ELECTRONIC INSTRUMENTATIONS, NETWORK SECURITY AND OTHERS

SESSION CHAIR :EMAN ABDELFATTAH,SACRED HEART UNIVERSITY, USA

SESSION TIME : 11:30AM – 1:00PM

VENUE: PRESIDENTIAL BALLROOM

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:30AM – 11:45AM	1570394593	A Crowdsensing Algorithm for Imputing Zika Outbreak Location Data	Robert Steele (Florida Polytechnic University, USA)
11:45AM – 12:00PM	1570394633	Efficient Structural Health Monitoring with Wireless Sensor Networks using a Vibration- Based Frequency Domain Pattern Matching	William Contreras and SotiriosZiavras (New Jersey Institute of Technology, USA)

		Technique	
12:00PM – 12:15PM	1570394599	Performance of Multi-Level Amplify-and-Forward Relays with Multihop Diversity	BirsenSirkeci (San Jose State University, USA); Minakshmi Roy (Kaiser Permanente, USA)
12:15PM – 12:30PM	1570394639	Packet Scheduling Bandwidth Type-Based Mechanism for LTE	Sultan Alotaibi and Robert Akl (University of North Texas, USA)
12:30PM – 12:45PM	1570399696	PulsePrint: Single-arm- ECG Biometric Human Identification Using Deep Learning	Qingxue Zhang and Dian Zhou (University of Texas at Dallas, USA); Xuan Zeng (Fudan University, P.R. China)
12:45PM – 1:00PM	1570383580	LTE Dynamic Scheduling Scheme for Massive M2M and H2H Communication	Yasmina Mohamed (Arab Academy for Science and Technology, Egypt)

TIME	EVENT	VENUE
1:00PM – 2:00PM	LUNCH	PRESIDENTIAL BALLROOM

SESSION – 12: ROBOTICS, AUTONOMOUS SYSTEMS AND OTHERS
SESSION CHAIR :KIHO LIM, UNIVERSITY OF SOUTH DAKOTA, USA

SESSION TIME :2:00PM – 3:30PM

VENUE: GARDEN ROOM 1

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570383584	Debayering RGBW Color Filter Arrays: A Pansharping Approach	Chiman Kwan (Signal Processing Inc, USA); Bryan Chou and Li-Yun Kwan (Applied Research LLC, USA); BenceBudavari (Signal Processing, Inc., USA)
2:15PM – 2:30PM	1570394396	On Collision-free Reinforced Barriers for Multi Domain IoT with Heterogeneous UAVs	Hynbum Kim (University of North Carolina at Wilmington, USA), Jalel Ben-Othman (University of Paris 13, France), Lynda Mokdad (Université de Paris 12 & Laboratoire LACL, France), Sungrae Cho (Chung-Ang University, Korea), Paolo Bellavista (University of Bologna, Italy)
2:30PM – 2:45PM	1570394874	A Framework for Big Data Technology in Health and Healthcare	Robert Steele (Florida Polytechnic University, USA)
2:45PM – 3:00PM	1570394616	Power Efficiency of Cooperative Broadcast in 1-D Dense Networks with Interference	Shiva Moballeghe (Samsung, USA); BirsenSirkeci (San Jose State University, USA)

3:00PM – 3:15PM	1570394642	A Performance-Aware I/O Interface for 3D Stacked Memory Systems	NahidMirzaie and Ahmed Alzahmi (Southern Methodist University, USA); Chung-Ching Lin (Southern Methodist University Dallas, USA); Gyung-Su Byun (Inha University, Korea)
3:15PM – 3:30PM	1570394550	An Energy Efficient Approach for Corona based Wireless Sensor Network	VivekanandJha (Indira Gandhi Delhi Technical University for Women, India); Nupur Prakash (IGDTU for Women, Egypt); ShekharVerma (Indian Institute of Information Technology, Allahabad, India)
SESSION – 13: EVOLUTIONARY COMPUTATION, ALGORITHMS, VLSI AND MICROELECTRONIC CIRCUIT EMBEDDED SYSTEMS			
SESSION CHAIR : ROBERT STEELE FLORIDA POLYTECHNIC UNIVERSITY, USA			
SESSION TIME : 2:00PM – 3:30PM			
VENUE: GARDEN ROOM 2			
TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570394378	Design of High Performance Dual-Gate Nano-Scale In0:55Ga0:45As Transistor with modified Substrate Geometry	Baldeo Sharma (NITK Surathkal, India); Shankaranarayana M Bhat (National Institute of Technology Karnataka, Surathkal, India)
2:15PM – 2:30PM	1570394400	Minimum Cost Security Measurements for Attack Tree Based Threat Models in Smart Grid	EzhilKalaimannan (University of West Florida, USA); NilotpalChakraborty (IIT Patna, India)
2:30PM – 2:45PM	1570393660	Business Process Re-Engineering For Smart Manufacturing	Noreen Maryam (NUST, EME College, Pakistan); Shoaib Ahmed Khan (National University of Sciences and Technology Islamabad, Pakistan)
2:45PM – 3:00PM	1570394370	LTE Downlink throughput modeling using Neural Networks	Mirza Ali Imran Baig, Tayyab Ur Rehman and Armaghan Ahmad (CMPak, Pakistan)
3:00PM – 3:15PM	1570394198	Efficient Exact Paths For Dyck and semi-Dyck Labeled Reachability	Phillip G. Bradford (University of Connecticut, Stamford, USA)
3:15PM – 3:30PM	1570393036	Towards Human-powered IoT: Optimizing Harvested Power from Human Daily Motion	QianaoJu (Georgia Institute of Technology, USA); Hongsheng Li (Southeast University, P.R. China); Ying Zhang (Georgia Institute of Technology, USA)

SESSION –14: INFORMATION SECURITY AND ENCODING TECHNOLOGY, NETWORK ARCHITECTURES, OTHERS			
SESSION CHAIR :ERIC BALSTER, FRANK SCARPINO ,UNIVERSITY OF DAYTON, USA			
SESSION TIME :2:00PM – 3:30PM			
VENUE:SEMINAR ROOM 1			
TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570394028	Capacity Augmentation in Energy-Efficient Vehicular Roadside Infrastructure	George Karakostas, NabyNikookaran and Terence D. Todd (McMaster University, Canada)
2:15PM – 2:30PM	1570393854	Leveraging Single Board Computer for Anomaly	Suzanne J Matthews and Aaron St. Leger (United States Military Academy, USA)

		Detection in the Smart Grid	
2:30PM – 2:45PM	1570360804	A Portable Real-time Scene Recognition System on Smartphone	ZhenwenGui (China Electronics Technology Group Corporation NO. 7 Research Institute, P.R. China)
2:45PM – 3:00PM	1570382928	Electromagnetic Analysis Method for Ultra Low Power Cipher Midori	Masaya Yoshikawa and Yusuke Nozaki (Meijo University, Japan)
3:00PM – 3:15PM	1570386489	A Real Time Spectrum Scanning Technique based on Compressive Sensing for Cognitive Radio Networks	Fatima Salahdine (University of North Dakota & National Institute of Posts and Telecommunication, Morocco); Hassan El GHAZI (INPT, Morocco)
3:15PM – 3:30PM	1570392338	Developing a Machine Learning Mechanism For Detecting Urdu Spam	Ayesha Akhtar (University of Lahore & Superior University, Pakistan); GhulamRasool Tahir (National Language Promotion Department, Pakistan); Khadija Shakeel (University of Lahore, Pakistan)

SESSION –15: CONTROL THEORY, IMAGE PROCESSING AND MULTIMEDIA TECHNOLOGY

SESSION CHAIR : ABENA PRIMO, HUSTON-TILLOTSON UNIVERSITY, USA

SESSION TIME :2:00PM – 3:30PM

VENUE: SEMINAR ROOM 2

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORSWITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570392982	Cooperative adaptive cruise control of connected and autonomous vehicles subject to input saturation	WeinanGao, Fernando Rios-Gutierrez, Weitian Tong and Lei Chen (Georgia Southern University, USA)
2:15PM – 2:30PM	1570393015	Mastcam Image Enhancement Using Estimated Point Spread Functions	Chiman Kwan (Signal Processing Inc, USA); Minh Dao (Johns Hopkins University, USA); Bryan Chou and Li-Yun Kwan (Applied Research LLC, USA); BulentAyhan (Signal Processing, Inc., USA)
2:30PM – 2:45PM	1570374815	LTE Fallback Optimization Using Decision Tree	Hussein Al Dorai (None & None, USA), LuayAlirkhis (Wright State University, USA)
2:45PM – 3:00PM	1570383597	The Design and Implementation of a Smart Parking Meter for Internet of Vehicle (IoV)	MdAnam Mahmud (CMU, USA); Ahmed Abdelgawad and Kumar Yelamarthi (Central Michigan University, USA)
3:00PM – 3:15PM	1570375573	Fast CS Algorithm for Chirp Signals Parameters Estimation using Multi-Resolution DCFT Atom Transformation	LuayAlirkhis (Wright State University, USA)
3:15PM – 3:30PM	1570394427	Autonomic Security for Zero Trust Networks	Dayna Eidle, Si Ya Ni and CasimerDeCusatis (Marist College, USA); Anthony Sager (BlackRidge, USA)

SESSION –16: ELECTRONIC POWER CONVERTERS AND INVERTERS, ALGORITHM AND OTHERS**SESSION CHAIR :BRIAN KRUPP , BALDWIN WALLACE UNIVERSITY, USA****SESSION TIME :2:00PM – 3:30PM****VENUE: SEMINAR ROOM 3**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570378946	Single-Phase Cascaded Multilevel Inverter Topology for Distributed DC Sources	Benozir Ahmed, MandoyeNdoye, MdArifinArif, Gregory Murphy, Kennedy A Aganah (Tuskegee University, USA)
2:15PM – 2:30PM	1570391558	DOA Using Uniform/Nonuniform Linear and Uniform Circular Antenna Arrays with Bayesian Compressive Sensing	Ismail Jouny (Lafayette College, USA)
2:30PM – 2:45PM	1570385244	Heterogeneous Network Formation by Non collaborative Coexistence Mechanism	SagarSalwe (Defence Institute of Advanced Technology Pune, India); Krishna K Naik (Defence Institute of Advanced Technology, India)
2:45PM – 3:00PM	1570396365	Performance Comparison of Load Balancing Algorithms using Cloud Analyst in Cloud Computing	Muhammad SohaibShakir((University of Lahore & SUPERIOR COLLEGE, Pakistan),NomanMazher (University of Gujrat Pakistan, Pakistan); Abdul Razzaque (Preston University, Pakistan)
3:00PM – 3:15PM	1570368918	A Framework for Data Center Site Risk Metric	Moises Levy (Florida Atlantic University, USA)
3:15PM – 3:30PM	1570379588	Scaled Offset PSO based PTS for PAPR Reduction in OFDM systems	Sanjana Prasad (PSG College of India), J Ramesh(PSG Tech, Coimbatore, India)

SESSION –17: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**SESSION CHAIR :JAMES B COLE, UNIVERSITY OF TSUKUBA, JAPAN****SESSION TIME : 2:00PM – 3:30PM****VENUE: SEMINAR ROOM 4**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
2:00PM – 2:15PM	1570382342	An Innovative Approach of Model order reduction using Ant Colony Optimization	Khaled Salah Mohamed (Mentor Graphics, Egypt)
2:15PM – 2:30PM	1570379215	Efficient Load balancer with Multi -layer processing architecture for heavy load over cloud Network	Navdeep Singh Randhawa (SVIET/IKG PTU, India)
2:30PM – 2:45PM	1570383394	Smart Phone Application Development for	ZakareyaLasefr and RakeshRamasani (University of Bridgeport, USA); Khaled M. Elleithy

		Monitoring Epilepsy Seizure Detection based on EEG signal Classification	(School of Engineering, University of Bridgeport, USA)
2:45PM – 3:00PM	1570394476	EVALUATING THE PERFORMANCE OF DENSITY GRID-BASED CLUSTERING USING ABC TECHNIQUE FOR EFFICIENT ROUTING IN WSNs	Pushpinder Singh (GNDU, India); Tejpreet Singh (Khalsa College of Engineering & Technology, India), Navpreet Singh (GNDU, India)
3:00PM – 3:15PM	1570394613	Vocoder Susceptibility to Baseband Trojans	Aaron E Cohen (US Naval Research Laboratory, USA); Yvette Lee (Naval Research Lab, USA); David Heide (Naval Research Laboratory, USA)
3:15PM – 3:30PM	1570399007	Hear the Heart: Daily Cardiac Health Monitoring Using Ear-ECG and Machine Learning	Qinxue Zhang, Dian Zhou (University of Texas at Dallas, USA), Xuan Zeng (Fudan University, P.R. China)

TIME	EVENT	VENUE
3:30PM – 4:00PM	COFFEE BREAK	PRESIDENTIAL BALLROOM

SESSION –18: MULTIMEDIA TECHNOLOGY, IMAGE PROCESSING AND OTHERS

SESSION CHAIR :WEINAN GAO, GEORGIA SOUTHERN UNIVERSITY, USA

SESSION TIME : 4:00PM – 5:00PM

VENUE: GARDEN ROOM 1

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
4:00PM – 4:15PM	1570394385	Homegateway RFPON based Gigabit Transmission System for Cable Network	JooHan Lee (Hanyang University, Korea)
4:15PM – 4:30PM	1570397438	Total Variation Denoising Method to Improve the Detection Process in IR Images	Lina Chato and ShahramLatifi (University of Nevada, Las Vegas, USA); Pushkin Kachroo (University of Nevada, USA)
4:30PM – 4:45PM	1570394212	Design of a SiC Implantable Rectenna for Wireless In-Vivo Biomedical Devices	MajdiAbabneh, Mohammed Jasim and KavyashreePuttananjegowda (University of South Florida, USA)
4:45PM – 5:00PM	1570388992	Proactive Algorithm to Reduce Power Consumption and Handovers in Heterogeneous Mobile Networks	Michel Nahas and Mohammad Sabati (Australian College of Kuwait, Kuwait); RanaKanso and Mohammad Azizi (Lebanese International University, Lebanon)

SESSION –19: MOBILE AND WIRELESS COMPUTING, ARTIFICIAL INTELLIGENCE**SESSION CHAIR : PHILLIP G. BRADFORD, UNIVERSITY OF CONNECTICUT, STANFORD, USA****SESSION TIME :4:00PM – 5:00PM****VENUE:GARDEN ROOM 2**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
4.00 PM -4.15 PM	1570370185	The Design of Ultra Low Noise CMOS Multi-Stage Transimpedance Amplifier	KavyashreePuttananjegowda, Sylvia Thomas, MajdiAbabneh (University of South Florida, USA)
4.15 PM – 4.30 PM	1570394730	A Scalable and Secure Key Distribution Scheme for Group Signature based Authentication in VANET	Kiho Lim and KastuvTuladhar (University of South Dakota, USA); Xiwei Wang (Northeastern Illinois University, USA); Weihua Liu (William Paterson University, USA)
4.30 PM – 4.45 PM	1570394526	Simulation of Long Term Evolution (LTE) based Communication system with different protocols	Srikanth Kamath (Manipal University & MIT MANIPAL, India)
4.45 PM – 5.00 PM	1570394442	Denial of Service Attack Detection using Dendritic Cell Algorithm	ObinnaIgbé (City University of New York, USA); OluwaseyiAjayi (City College of New York, USA); TarekSaadawi (The City University of New York/The City College, USA)

SESSION –20: MOBILE AND WIRELESS COMPUTING; OTHERS**SESSION CHAIR : BRIAN KRUPP , BALDWIN WALLACE UNIVERSITY, USA****SESSION TIME : 4:00PM – 5:30PM****VENUE: SEMINAR ROOM 1**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
4.00 PM -4.15 PM	1570385827	RGB Pixel Analysis of Fingertip Video Image Captured From Sickle Cell Patient With Low and High Level of Hemoglobin	MdKamrulHasan and NazmusSakib (Marquette University, USA); Joshua Field (BloodCenter of Wisconsin, USA); Richard Love and Sheikh Ahamed (Marquette University, USA)
4.15 PM – 4.30 PM	1570394579	Multi-modal data fusion of Voice and EMG data for Robotic Control	Tauheed Khan Mohd and Jackson Carvalho (The University of Toledo, USA); Ahmad Y Javaid (University of Toledo, USA)
4.30 PM – 4.45 PM	1570394711	Automation of Traumatic Brain Injury Diagnosis Through an IoT-based Embedded Systems Framework	AmulyaBalakrishnan (Academy for Medical Science and Technology, USA); SowmyaPatapati (Academy for Technology and Computer Science, USA)
4.45 PM – 5.00 PM	1570394620	Analytical Analysis of QoS for Lossy Network Congestion Control	Aaron E Cohen (US Naval Research Laboratory, USA)
5.00 PM - 5.15 PM	1570395492	Investigation of IGBT Behavior in DC systems With Advanced Circuit Breaker Technology	Ibrahim Almutairy (Western Michigan University, USA); Marwan Alluhaidan (Western Michigan University & Western Michigan University, USA)

5:15 P.M – 5:30 P.M	1570395169	Resource Scheduling in Non-Orthogonal Multiple Access (NOMA) based Cloud-RAN Systems	RupeshRai (University of Kent, United Kingdom (Great Britain))
---------------------	------------	--	--

SESSION –21: INFORMATION SECURITY AND ENCODING TECHNOLOGY, ELECTRONIC INSTRUMENTATIONS

SESSION CHAIR :ABENA PRIMO, HUSTON-TILLOTSON UNIVERSITY, USA

SESSION TIME : 4:00PM – 5:30PM

VENUE: SEMINAR ROOM 2

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
4.00 PM -4.15 PM	1570366363	A Novel Single-arm-worn 24-hour Heart Disease Monitor Empowered by Machine Intelligence	Qingxue Zhang and Dian Zhou (University of Texas at Dallas, USA); Xuan Zeng (Fudan University, P.R. China)
4.15 PM – 4.30 PM	1570393041	Topology Maintenance of Ad Hoc Wireless Sensor Networks with an Optimum Distributed Power Saving Scheduling Learning Automata Based Algorithm	Shafeie (Azad University of Arak, Iran)
4.30 PM – 4.45 PM	1570394359	Reevaluating the Effectiveness of Visual Cues for Website Security	NehaRana and ThairHayajneh (Fordham Universtiy, USA)
4.45 PM – 5.00 PM	1570394420	KeyStroke Logs: Are Strong Passwords Enough?	DarshanieSukhram and ThairHayajneh (Fordham Universtiy, USA)
5.00 PM - 5.15 PM	1570394421	Detection and Prevention of Crypto-Ransomware	Daniel Gonzalez and ThairHayajneh (Fordham Universtiy, USA)
5:15 P.M – 5:30 P.M	1570394638	Novel MI-based (FracBot) Sensor Hardware Design for Monitoring Hydraulic Fractures and Oil Reservoirs	Carlos Martins (Georgia Institute of Technology & Georgia Tech, USA); AbdallahAlshehri (Georgia Institute of Technology & Saudi Aramco, USA); Ian F. Akyildiz (Georgia Institute of Technology, USA)

SESSION –22: ENCODING TECHNOLOGY, ARTIFICIAL INTELLIGENCE AND OTHERS

SESSION CHAIR :MOISES LEVY, FLORIDA ATLANTIC UNIVERSITY, USA

SESSION TIME : 4:00PM – 5:30PM

VENUE: SEMINAR ROOM 3

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
4.00 PM -4.15 PM	1570394720	Finger Printing on the web	PreethiMudialba (Carnegie Mellon University, USA); Siddharth Nair and Jun Ma (CMU, USA)
4.15 PM – 4.30 PM		Security Issues with Certificate Authorities	Jake Berkowsky and ThairHayajneh (Fordham Universtiy, USA)

	1570394667		
4.30 PM – 4.45 PM	1570394646	Analyzing the Existing Noninvasive Hemoglobin Measurement Techniques	MdKamrulHasan, NazmusSakib, Richard Love and Sheikh Ahamed (Marquette University, USA)
4.45 PM – 5.00 PM	1570380414	Web Based Electric Home Appliance Controller and Monitoring System	Saidur Rahman, SaqifMasud, ShahidaSultana MohammadRezaul Bari (North South University, Bangladesh)
5.00 PM - 5.15 PM	1570395189	A Smart Campus Internet of Things Framework	Yi Wang (Manhattan College, USA)
5:15 P.M – 5:30 P.M	1570395179	Outage Probability and System Optimization of SSD-based Dual-Hop Relaying System with Multiple Relays	Muhammad Ajmal Khan (Ohio Northern University & University of Western Ontario, USA); RaveendraKolarramakrishna Rao (University of Western Ontario, Canada); Xianbin Wang (Western University, Canada)

SESSION –23: AD HOC NETWORKS, MOBILE AND WIRELESS COMPUTING

SESSION CHAIR : KENNEDY A AGANAH ,TUSKEGEE UNIVERSITY, USA

SESSION TIME : 4:00PM – 5:30PM

VENUE: SEMINAR ROOM 4

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
4.00 PM -4.15 PM	1570394040	An L1-Regularized Least-Squares Deblurring Algorithm with an Application to GPR Imaging	Henry Ogworonjo, John Anderson and Mamadou Wade (Howard University, USA)
4.15 PM – 4.30 PM	1570392739	Recommended Practices for the Specification of Multi-Agent Systems Requirements	Khaled Slhoub, Marco M Carvalho and Walter Bond (Florida Institute of Technology, USA)
4.30 PM – 4.45 PM	1570378502	Enhanced Topology Based 9 Level H-bridge Inverter	D VenkataManikanta,MohinderBassi,HarpreetBedi (Lovely Professional University,India)
4.45 PM – 5.00 PM	1570394464	Bit Error Rate (BER) Analysis of Discrete Fractional Fourier Transform (DFrFT) based OFDM Systems	Amir Raeisi Nafchi (University of New Mexico, USA); Eric Hamke (University of new Mexico, USA); Ramiro Jordan and Balu Santhanam (University of New Mexico, USA)
5.00 PM - 5.15 PM	1570391984	Facebook User Reactions Towards Marijuana Content	Dong Nguyen and Anh Nguyen (Saolasoft Inc., USA); Erik F Golen (Rochester Institute of Technology, USA)
5:15 P.M – 5:30 P.M	1570393039	Fuzzy Logic Approach for GNSS Signal Classification Using RHCP And LHCP Antennas	GuermahBassma (INPT, Morocco); TayebSadiki (UniversitéInternationale de Rabat, Morocco); Hassan El GHAZI (INPT, Morocco)

DAY-3:**21st October, 2017**

TIME	NAME OF THE EVENT	VENUE
8:00AM – 9:00AM	REGISTRATION	SEMINAR ROOM 1
9:00AM – 9:45AM	KEYNOTE ADDRESS: PROF. JAMES B COLE UNIVERSITY OF TSUKUBA IN JAPAN THE PHILOSOPHY OF MODELS,WHAT THEY CAN AND CANNOT TELL US	SEMINAR ROOM 1
9:45AM – 10:30AM	EYNOTE ADDRESS: DR. ROBERT MITCHELL SANDIA NATIONAL LABORATORIES, CALIFORNIA A GAME THEORETIC MODEL OF COMPUTER NETWORK EXPLOITATION CAMPAIGNS	SEMINAR ROOM 1
10:30AM – 11:15AM	KEYNOTE ADDRESS: PROF. ERIC BALSTER UNIVERSITY OF DAYTON, USA PERSISTENT SURVEILLANCE PROCESSING UTILIZING FPGAS.	SEMINAR ROOM 1

11:15AM – 11:30AM	COFFEE BREAK	SEMINAR ROOM 1
-------------------	--------------	----------------

11:30AM – 11:45AM	PRIZE GIVING CEREMONY	SEMINAR ROOM 1
-------------------	-----------------------	----------------

PARALLEL SESSIONS**SESSION –24: CLOUD AND VIRTUAL NETWORKS, NETWORK ARCHITECTURES****SESSION CHAIR : KENNEDY A AGANAH ,TUSKEGEE UNIVERSITY, USA****SESSION TIME :11:45AM – 1:00PM**

VENUE:SEMINAR ROOM 1			
TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:45AM – 12:00PM	1570394361	Security and Privacy Issues Affecting Cloud-Based IP Camera	Jimmy Liranzo, Thaier Hayajneh (Fordham Universtiy, USA)
12:00PM – 12:15PM	1570389794	Deep CNN-LSTM with Combined Kernels from Multiple Branches for IMDb Review Sentiment Analysis	AbhishekVerma (NJCU, USA)
12:15PM – 12:30PM	1570394693	Handling Changes of Update Reviewers in Distributed Free and Open-Source Software Meta-Recommendations	ShakreElmane (Florida tech, USA); Marius C Silaghi (Florida Institute of Technology, USA)
12:30PM – 12:45PM	1570394493	An Efficient Security Architecture for an InterCloud Reference Model	CherifGhazel (ENSI, University of Manouba, Tunisia)
12:45PM – 1:00PM	1570395183	Two-Way Signal Space Cooperative Network with a DF Relay - Outage and Optimization	Muhammad Ajmal Khan (Ohio Northern University & University of Western Ontario, USA) Raveendra Kolarramakrishna Rao (University of Western Ontario, Canada) Xianbin Wang (Western University, Canada)

SESSION –25: SENSOR NETWORK AND MULTIMEDIA			
SESSION CHAIR : JAMES B COLE, UNIVERSITY OF TSUKUBA, JAPAN			
SESSION TIME :11:45AM – 1:00PM			
VENUE:SEMINAR ROOM 2			
TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:45AM – 12:00PM	1570384235	Development of a Radiation Detecting Rover System	Jean Jiang, Dillon Seniff, David Callahan, Li Tan and Yoonill Lee (Purdue University Northwest, USA)
12:00PM – 12:15PM	1570394505	Re-joining of authorized nodes in MANETs using EGSR scheme and detection of internal attacks using 2ACK scheme	Pushpinder Singh (GNDU, India); Tejpreet Singh (Khalsa College of Engineering & Technology, India), Navpreet Singh (GNDU, India)
12:15PM – 12:30PM	1570394704	Data Mining Approaches to Identify Predictors of Frequent Malpractice Claims Against Dentists	Joseph Finkelstein and Sinan Zhu (Columbia University, USA)
12:30PM – 12:45PM	1570370221	Text Independent Emotion Identification From Speech	Amit Mishra (University of Pune & Sandip Foundation, India)
12:45PM – 1:00PM	1570378372	User Concerns with Personal Routers Used as Public Wi-fi hotspots	Jennifer Golbeck (University of Maryland, USA)

SESSION –26: ELECTRONICS, ADHOC NETWORK AND OTHERS**SESSION CHAIR :MALAY GANGOPADHYAY, INSTITUTE OF ENGINEERING AND MANAGEMENT, INDIA****SESSION TIME :11:45AM – 1:00PM****VENUE:SEMINAR ROOM 3**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:45AM – 12:00PM	1570395034	MATLAB-GUI Based Simulation Framework For Spintronics	Jayanta Gope (MAKAUT, India); Balaram Kar (CSET, MAKAUT, India); Snigdha Chowdhury (Kolay) and Rahul Shome (MKAUT, India); Sanjay Bhadra (UEM, India); Aalok Bhattacharya (MKAUT, India); Ronak Banerjee (UEMK, India)
12:00PM – 12:15PM	1570394136	Image based Skin Disease Detection using Hybrid Neural Network coupled Bag-of-Features	Soumen Banerjee (IEM, India)
12:15PM – 12:30PM	1570394850	Throughput Optimization in Cognitive Radio Using Demand Based Adaptive Genetic Algorithm	Subhajit Chatterjee(IEM, India)
12:30PM – 12:45PM	1570395038	SMART HOME CLEANSING APPLIANCE- AN INNITIATIVE FOR SMART LIVING	Jayanta Gope (MAKAUT, India); Jayanta Gope (MKAUT, India); Mahuya Panda (MAKAUT, India); Sanjay Bhadra (UEM, India); Shantanu Bhadra (MAKAUT, India); Dibendu Poddar, Tuhin Bera, Nirav Ashara and Jayanandra Kumar (UEM, India)
12:45PM – 1:00PM	1570394135	Cellular Image Processing using Morphological Analysis	Soumen Banerjee (IEM, India)

SESSION –27: ADHOC NETWORK AND OTHERS**SESSION CHAIR :BISWAJOY CHATTERJEE, INSTITUTE OF ENGINEERING AND MANAGEMENT, INDIA****SESSION TIME :11:45AM – 1:00PM****VENUE:SEMINAR ROOM 3**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
11:45AM – 12:00PM	1570382445	Study of a parallel Algorithm on Pipelined computation of the finite difference schemes on FPGA	Wenshi Wang and Zhangqin Huang (Beijing University of Technology, P.R. China)
12:00PM – 12:15PM	1570383379	An Efficient Automated Technique for Epilepsy Seizure Detection Using EEG signals	Zakareya Lasefr and Sai Shiva VNR Ayyalasomayajula (University of Bridgeport, USA); Khaled M. Elleithy (School of Engineering, University of Bridgeport, USA)
12:15PM – 12:30PM	1570390196	A Comparative of Range Free Localization Algorithms and DV-Hop using the Particle Swarm Optimization Algorithm	Joaquin Mass-Sanchez (Instituto Tecnológico de Sonora, Mexico); Erica Ruiz (Instituto Tecnológico de Sonora, Mexico); Adolfo Espinoza Ruiz (Instituto Tecnológico de Sonora, Mexico); Luis Rizo-Dominguez (Iteso University, Mexico)

12:30PM – 12:45PM	1570391703	Epilepsy Seizure Detection Using EEG signals	Zakareya Lasefr and Sai Shiva VNR Ayyalasomayajula (University of Bridgeport, USA); Khaled M. Elleithy (School of Engineering, University of Bridgeport, USA)
12:45PM – 1:00PM	1570391984	Facebook User Reactions Towards Marijuana Content	Dong Nguyen and Anh Nguyen (Saolasoft Inc., USA); Erik F Golen (Rochester Institute of Technology, USA)

TIME	EVENT	VENUE
1:00PM – 2:00PM	LUNCH	SEMINAR ROOM
2:00PM – 3:30PM	WORKSHOP ON RASPBERRY-PI 3	GARDEN ROOM 2
2:00PM – 3:30PM	WORKSHOP ON DATA ANALYTICS	GARDEN ROOM 1
3:30PM – 4:00PM	COFFEE BREAK	GARDEN ROOM 1

TIME	EVENT	VENUE
4.00 PM-5.00 PM	WORKSHOP ON RASPBERRY-PI 3	GARDEN ROOM 2
4.00 PM-5.00 PM	WORKSHOP ON DATA ANALYTICS	GARDEN ROOM 1