

IEEE MetroCon 2018 Conference Program

31st Annual IEEE FW Conference

November 7, 2018, 7:00am to 7:00pm
Hurst Conference Center, Hurst, TX

NOTE: Registration Desk opens at 7:00am. HCC Opens for exhibits load-in and setup at 6:00am.

Time	Gallery in Front of Salon A/B	Meeting Room 1/2	Meeting Room 3/4	Meeting Room E/F	Room G/H	Meeting Room 5	Board Room (upstairs)	Meeting Room 6	Salon B
	Student Posters Chair: Derrick Webster Co-Chair: TBD	Internet of Things Track Chair: Ed Hightower Co-Chair: Brent Rager	Software and Systems Engineering Track Chair: Pascale Rondot Co-Chair: Michelle Maddox	Developing and Deploying Secure Systems Track Chair: Phillip Todd Co-Chair: Princy Mehta	Power and Energy Track Chair: Yu Meng Co-Chair: Charles Douglas	Computational Intelligence Track Chair: Brandon Safford Co-Chair: Ed Safford	Biotechnologies Chair: Iok-Hou Pang Co-Chairs: Michail Kastellorizios, Hongli Wu, Don Osbourne	Engineering/Financial Planning Chair: Tyler Davis/Timothy Watts Co-Chair: Rohde & Schwarz?	Exhibits Schedule Chair: Jim Thompson Co-Chair: Tonesha Smith
7:30	Put up Posters	Welcome Address Diane Collier, IEEE MetroCon 2016 General Chair							Set up start at 6am
7:45 - 8:25		Plenary Address -- SALON A: Alan Greer, PE Program Director, Texas Central <i>The Texas Central High Speed Train -- Accelerating the Texas Economy</i>							
8:30 - 9:25	Put up Posters	Smart Cities - Strategies and Initiatives for Implementing Society 5.0 Maria Brackenridge, TSPM Tara Goodwin, Cityfront Innovations, LLC	Advanced Problems in Systems Engineering Jeff Cohen 321 Gang	Artificial Intelligence (AI) for Sustainable Blockchain Technology Jeff Daniels, Lockheed Martin Ben Amaba and Abbey Hagin IBM	Big Data Analytics for Renewable Energy Grid Integration Jie Zhang, Assistant Professor University of Texas at Dallas (UTD)	Beating the Turing Test Lauren Kunze CEO, Pandorabots, Inc.	Ligandomics: A Revolutionary Approach for Drug Discovery Iok-Hou Pang UNT Health Science Center	Putting Your Retirement Plan to Work William Swoboda Edward Jones	Exhibits Program
9:25 - 9:55	Students Present Posters during Break	Break in Exhibits Area (Salon B)							
10:00 - 10:55		Bell's Way Forward On-Demand Mobility Mike McNair, Innovation Manager Bell Flight	Self Driving Cars: Are We On the Right Road? John H. Robb University of Texas at Arlington (UTA)	Keyless Signature Infrastructure for Secure Systems Engineering Brian McFarland Guardtime Federal, LLC	How Advanced Analytics is Impacting Engineering @ Oncor Hagen Haentsch, Director of West Operation Center Oncor	Semantic Mapping Based on Vision Justin Hardt University of Texas at Austin, RoboCup	Metabolic Health Screening using Compact NMR Ina Mishra UNT Health Science Center	Insurance Strategies Alysia Bell Merrill Lynch	
11:00 - 11:55	Poster Judging Students Present to Judges	Mesh Networking and IoT Use Cases for Iliumi MeshTek, Bluetooth 5.0, Beacons Michael Bigbee, CEO and President Iliumi Solutions, Inc.	A Glimpse into Tomorrow's Flight Control Systems and Quantum Inspirations to New Approaches Chris Elliott, Tech Fellow Lockheed Martin	Threat Hunting with Splunk Richard Voninsk Splunk, Inc.	Energy Storage in Power Grids Bill Muston, Manager of Research and Development Oncor	Intelligent Agents Ed Safford IEEE, Lockheed Martin, Retired	Novel Ex-Vivo Translaminar Autonomous System to study effects of Intraocular and Intracranial pressure differential on central nervous system neurons Tasneem Sharma UNT Health Science Center	Estate Planning Strategies Gary Haynes The Wynne Law Firm	
12:00 - 1:15	Poster Awards	Luncheon Program -- SALON A: Keynote Address: Jeff Williams, PE, President, Graham Associates, Inc. and Mayor, City of Arlington <i>Arlington on the Move! An Engineering Perspective of Major Projects</i> Student Poster Competition Awards -- Derrick Webster							Lunch Break with Conference
1:15 - 2:00		Networking in Exhibits Area (Salon B)							Exhibits Program Resumes
2:00 - 3:10	Students display/present winning posters	Overcoming Connectivity Challenges to Support Smart Agriculture and Rural IoT Applications Pete DeNagy, President / Co-Founder at Internet of Things America, LLC	Cognitive and Context Aware Security Suku Nair Director, SMU AT&T Center for Visualization SMU	Using Discovery Analytics in Computer Security Analysis Terrance Goggin Deloitte	Generation Reliability and Safety Shiuan-Hau Eric Rau and Asher Choudhary Shermco Industries, Inc.	The Mystery of Quantum Teleportation Oscar Garcia Founding Dean of the College of Engineering Center for Information and Cyber Security (CICS) University of North Texas (UNT)	Applications of carbon nanomaterials in biological imaging and drug delivery Anton Naumov Texas Christian University (TCU)	Finally Perfecting Network Security Daryl Adams Spirent	
3:10 - 3:40		Break in Exhibits Area (Salon B)							All exhibitors invited to Reception
3:45 - 4:40	Take down posters	IoT, Low Power Wide Area Networks, LTE-M and NB-IoT - IoT Wireless Solutions Ed Hightower, IoT and Low Power WAN Technologist, Consultant at IoT and Beyond	Affordability Does Not Tell You What You Get For Your Money Teresa McCarthy Lockheed Martin	Risk Management Framework, Applying an IT Centric Process to Real-Time Embedded Systems Margee Herring and Jermon Edge Lockheed Martin	ERCOT Nodal Market Feiran Huang, Senior Transmission Trader Luminant	Explainable AI Legal Ramifications Robert Kantner Jones Day Law Firm Board of Directors of Tech Titans	Using Grapes as a Magic Bullet to Fight Against Free Radicals in the Eye: Application to Cataract Prevention Hongli Wu UNT Health Science Center	Market Update Tyler Davis Merrill Lynch	Exhibits Tear Down begins right after break - Exhibitors invited to Reception
4:45 - 7:00		Reception Program -- SALON A							

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