

Time	Wednesday February 22, 2017			Thursday February 23, 2017			Friday, February 24, 2017
	Auditorium Guillermo & Sofia Jenkins (UDLAP)						
	Central Room	Left Room	Right Room	Central Room	Left Room	Right Room	
08:45-09:00	Opening Ceremony - Central Room						
	Presenter : Dr. Ofelia Cervantes Villagómez						
09:00-09:30	Plenary Talk On the adequacy of the Turing Machine Model for Distributed Computations Dr. Luis Alberto Pineda Cortés UNAM, Mexico Central Room Chair: Dr. Ofelia Cervantes Villagómez			Plenary Talk Towards a thematic network in cyber-physical systems in Mexico: opportunities and challenges Dr. Gilberto Ochoa Ruiz IMP, Mexico Central Room Chair: Dr. Gibran Etcheverry			Plenary Talk Smart polymers obtained by ionizing radiation: synthesis, characterization, and biomedical applications Dr. Emilio Bucio Carrillo Instituto de Ciencias Nucleares - UNAM, Mexico Central Room Chair: Dr. Juan Horacio Espinoza
09:30-10:00							
10:00	Congress Official Photograph Taking All participants are welcome! Auditorium Front Entrance						
Morning	HMI	Electronics	IoT	Machine Learning	Biomedical Engineering	Optimization	
Sessions	Chair: Dr. Alfredo Sánchez	Chair: Dr. Roberto Rosas	Chair: Dr. José Luis Zechinelli	Chair: Dr. Ofelia Cervantes	Chair: Dr. Juan Horacio Espinoza	Chair: Dr. Ruben Alejos	
10:00-10:30	Paper #2 A UDPs-based educational application generator for mobile devices	Paper #12 The longest classical EM waves in the Universe: communications carriers that are larger than Earth	Paper #20 Zone Based Hybrid Approach for Clustering and Data Collection in Wireless Sensor Networks	Paper #46 LOD4AIR: A strategy to produce and consume linked open data from OAI-PMH repositories	Paper #3 Detecting Epileptic Seizures in Advance Using Optical and Electrical Recordings	Paper #35 Study of Direct Local Search Operators Impact in Memetic Differential Evolution for Constrained Numerical Optimization Problems	Plenary Talk GE Digital Industrial Miguel Camacho, Ramón Reyes, Alejandro Herrera General Electric Infrastructure Queretaro - GEIQ, Mexico Central Room Chair: Dr. Gibran Etcheverry
10:30-11:00	Paper #27 Development of capacitive touch interfaces	Paper #30 Combining LDPC Codes, M-QAM Modulations, and IFDMA Multiple-Access to Achieve 5G Requirements	Paper #13 Using Sensor Fusion in a Serious Game for Children Nutrition Education	Paper #17 Latent Semantic Analysis (LSA) for Syslog Correlation	Paper #15 Analysis of pupillary response after a stimulus of light to generate characteristic groups	Paper #29 Depth-First Search Satisfiability of the mu-Calculus with Converse over Trees	
11:00-11:30	Paper #22 Detecting Falling People by Autonomous Service Robots: A ROS Module Integration Approach	Paper #39 Object recognition modular system implementation in a service robotics context	Paper #19 Visual Odometry based on trilateration method with stereo images	Paper #38 Mexican Sign Language Recognition Using Kinect and Data Time Warping Algorithm	Paper #24 Identification of parameters for the study of diabetes from light reflex with controlled stimulu	Paper #5 Analytical Workspace Delineation of a Translational Underconstrained Cable-based Robot	Best Paper Award & Congress Closing Central Room Chair: Dr. César Martínez
11:30-11:45	Coffee break						Tutorials
11:45-12:15	Plenary Talk Autonomous Navigation and Exploration with Drones Using Vision Dr. José Martínez Carranza INAOE, Mexico Central Room Chair: Dr. César Martínez			Plenary Talk Detecting emotions in design process Dr. Slavko Milekic University of the Arts in Philadelphia, USA Central Room Chair: Dr. Alfredo Sánchez Huitrón			Presenter : MSc. Eduardo López
12:15-12:45				Tutorials			Presenter : Dr. Alfredo Sánchez
13:00-14:00	Plenary Talk From Diagnostics to fault tolerance Dr. Efrain Alcorta García UANL, Mexico Central Room Chair: Dr. César Martínez Torres			Presenter: Dr. Gibran Etcheverry	Presenter : Dr. Alfredo Sánchez		Robotic Arm Room: LA-116, 11h00-15h00 MSc Eduardo López UDLAP
14:00-16:00	Lunch on your own						Create a mobile app in three hours or less BI-310 11h00 – 15h00 Dr. Slavko Milekic University of the Arts in Philadelphia, USA
16:00-16:30	Automatic Control	Pattern Recognition & Classification	Image Processing	Tutorials continuation			
Sessions	Chair: Dr. José Luis Vázquez	Chair: Dr. Gibran Etcheverry	Chair: Dr. Oleg Starostenko				
16:30-17:00	Paper #18 Liquid Level System as a Pedagogical Tool to Teach Fuzzy Control	Paper #41 Feature selection to detect botnets using machine learning algorithms	Paper #32 Super-resolution of Mammograms based on Analysis of Wavelet family and Iterative Scales	Swift fundamentals BI-104 16h00 – 18h00 Professor David Baez UDLAP	Lean UX HU-414 16h00 – 18h00 Víctor Manuel García Luna México		
17:00-17:30	Paper #25 Simulation of a Two DOF Pneumatic Manipulator Robot using Control based on Back Propagation Neural Network	Paper #44 Mosquito Larva Classification Method Based on Convolutional Neural Networks	Paper #31 A comparative study on super-resolution methods for enhanced micro, macro and calcification on digital mammograms: Multi-scale iterative resolution with wavelet and cosine transform				
17:30-18:00	Paper #9 A Switching Position/Force Controller for Two Independent Finger Gripper over ROS						
18:00-22:00	Inauguration iOS Development LAB CE-106 18h00- 19h00			CONIELECOMP '17 COCKTAIL Salón Aquihhuac 20h00-01h00 Posada Señorial Hotel			