Horario	Paper ID	MIERCOLES 9 NOVIEMBRE	Ponencia
9:00 -9:40		KEYNOTE ERIK ZAMORA: NAVEGACIÓN AUTÓNOMA, EL ELEMENTO CLAVE EN LA ECONOMÍA DEL FUTURO	
9:40-10:10	23	Chadwick Carreto Arellano, Blanca Esther Carvajal-Gámez and Manuel Alejandro Diaz Casco	Scalable automation system based on Raspberry
10:10-10:40	10	Adrian Antonio Castañeda Galván, Alvaro Anzueto Ríos and Mariana Elizabeth Montealegre Rodríguez	Humanoid robot programming for the assistance of an artistic performance
10:40-10:50		COFFE BREAK	
10:50-11:30		Keynote: Dr. Alexander Gelbukh Análisis de sentimientos de Internet y redes sociales	
11:30-12:00	9	Christian E. Maldonado	How to improve the reach and impact of social media content.
12:00-12:30	8	Javier Mendoza-Almanza and Francisco De Asís López-Fuentes	Collaborative Multi-source Scheme for Multimedia Content Distribution
12:30-12:40		COFFE BREAK	
12:40 -13:20		KEYNOTE Dr Vladimir y Dra. Imelda Escamilla Los Gis y las redes sociales	
13:20 13:50	16	Elena Fabiola-Ruiz, Lorena Chavarría-Báez and Laura-Ivoone Garay-Jiménez	Virtual environment of learning to support the topic of proportionality at elementary levels
13:50:14:20	14	Elena F. Ruiz, Laura I. Garay and Juan J. Gutiérrez	Applications on mobile devices for solving derivative problems

		JUEVES 10 de NOVIEMBRE	
9:00 -9:40		KEYNOTE SPEAKER: Carlos Hernandez ¿Cómo Hackear un sitio web?	
9:40 -10:10	21	Luis Enrique Hernández-Gómez, Kevin Andrés Hernández-Santiago and Álvaro Anzueto-Ríos	Forearm And Hand Vein Detection System For An Infrared Image Database.
10:10-11:20	15	Daniel Soto, Cristian Barría and David Cordero	Optimization Through Automation of the Update Process of Malware Capable of evade Anti-Malware Systems
11:20-11:30		COFFE BREAK	
11:30-12:00		KEYNOTE HUGO JIMENEZ: Tendencias y Oportunidades en Investigación en Sistemas Distribuidos Multi-camara	
12:00-12:30	24	Jose Antonio Canseco Pinacho, Jaqueline Reynosa Guerrero, Hugo JimÉnez HernÁndez, Josue Rafael Montes MartÍnez and Vicente Bringas Rico.	Estimación del desplazamiento en Microfotografías mediante Algoritmo Genético.
12:30-13:00	20	Edgar-Armando Catalán-Salgado	Diet Generator Based on World Health Organization Recommendations using genetic algorithm
13:00-13:10		COFFE BREAK	
13:10-13:40	22	Jossue Hernández-González, Elena Ruiz-Ledesma and Rosaura Palma-Orozco	Expert system as a support tool for teaching Calculus
13:40-14:10	2	Jaime Vega, Blanca García and Saul Vega	DEVELOPMENT OF THE ELECTRONIC SYSTEM TO OBTAIN THE I-V AND P-V CURVES OF PHOTOVOLTAIC MODULE USING LAPTOP COMPUTER

		VIERNES 11 DE NOVIEMBRE			
9:00-9-40		KEYNOTE: Dr. Lorenzo Luna "BIG DATA"	Sistema de Análisis de Movilidad para el sistema de Transporte Individual ECOBIC(SAM)		
9:40-10:20	3	Irene López-Rodriguez, Laura-Ivoone Garay-Jiménez, Blanca Tovar-Corona and Blanca-Alicia Rico-Jiménez	A hybrid approach based on Cores-Clouds, STAR method-ology and GA for rules extraction		
10:20-10:50	5	Fernando Hernández-Molina, José Daniel Pérez-Ramirez, Blanca Alicia Rico-Jiménez and Laura-Ivoone Garay-Jiménez	Sistema de administración de información experimental con creación y gestión de cuestionarios en bases de datos NoSQL		
10:50-11:00		COFFE BREAK			
11:00-11:40		KEYNOTE: David Duffett Asterisk: A story of hope and encouragement. From Digium			
11:40-12·10	17	Francisco Beltrán, Oscar Lemus, and Mario Rivero, Victor Barrera, F Mata	Design and implementation of a Medium Access Protocol for a Heterogeneous Wireless Sensor Network		
12:10-12:40	4	Edgar Romo-Montiel, Mario Eduardo Rivero Angeles and <u>Heron Molina-Lozano</u>	Hybrid Transmission Scheme for the Cluster Formation in Wireless Sensor Networks with Noisy Channels		
12:40-13:10		COFFE BREAK			
13:10-13:40	11	Nayeli Vega, Victor Garcia and J. E. Martínez	Embedded prototype system for monitoring heart rate		
13:40-14:10		KeyNote:Noe Sierra Trends in IoT & Demo			
14:10-14:40					
SESIONES HARDWARE : Simultaneos					