

The Eight International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2017)

Venue: Autonomous University of City Juarez, Chihuahua, Ciudad Juárez
March 29, 2017

ICADIWT 2017 Preliminary schedule

March 29, 2017

- ✓ 08:00-09:00, Registration,
- ✓ 09:00-09:10 Opening Ceremony
- ✓ 09.10-09:30 Presidential Talk
- ✓ 09:30-10:15 Keynote I
- ✓ 10:15-10:30 Coffee break
- ✓ 10:30-11:15 Keynote II
- ✓ 11:15 -12:35 Sessions
- ✓ 12:35-14:00 Lunch
- ✓ 14:00-15:40 Sessions
- ✓ 15:40-15:55 Coffee Break
- ✓ 15:55 – 18:35 Sessions
- ✓ 18:35-20:05 Conference Banquet

Conference Program – March 29, 2017

08:00 - 09:00 – Registration	
09:00 - 09:10 Opening Ceremony	
09:10 – 9:20 Presidential Talk by President of IIT Mtro. Francisco López Hernández 9:20 – 9:30 Presidential Talk by the IIT Research Coordinator Dr. Juan Francisco Hernández Paz	
09:30 – 10:15	Keynote I: Professor Vladik Kreinovich on "Dealing with Uncertainties in Computing: from Probabilistic and Interval Uncertainty to Combination of Different Approaches, with Application to Geoinformatics, Bioinformatics, and Engineering"
10:15 – 10:30 Coffee Break	
10:30 -11:15	Keynote II: Professor Luc Longpre on "A view on dealing with privacy and computer malware concerns"
11:15 – 12:45 Sessions	

11:15 – 11:45 – Mobile Application Development Process for Health Control in Pregnancy - Anastacio Rodriguez Garcia, Juana Andrea Godoy Barrera, Jose De Jesus Eduardo Barrientos Avalos.

11:45 – 12:15 - Adaptive Methodology for Designing a Predictive Model of Cardiac Arrhythmia Symptoms based on Cubic Neural Unit - Ricardo Rodriguez Jorge, Jiri Bila, Jolanta Mizera-Pietraszko, Ricardo Ezequiel Loya Orduño.

12:15 –12:45- Registration and Visualization System Geo-referenced in Health SirGeoS - Francisco Javier Olivera Guerrero, Jesus Leonardo Soto Sumuano, José Alberto Talcuilo Parra, Roberto Francisco Garibaldi Covarrubias, Hugo Romo Rubio, Emmanuel Abundis Gutierrez.

12:45 – 14:00 Lunch

14:00-15:00 Sessions

14:00 –14:30 - Ontology for an Information System of a Company in the Power Utility - Ma. Susana Flores, Claudia Torrero, Everardo Torrero.

14:30 –15:00 - Automatic assessment of engagement and attention of the student by means of facial expressions - Catalina Alejandra Vázquez Rodríguez, Raúl Elías Pinto.

15:00 – 15:30 - Aerodynamic and control analysis for an unmanned aircraft - Geovani Garcia, Jorge Nevarez, Gustavo Fernández, Xitlali Chávez, Kasandra Olivares

15:30 – 16:00 – Coffee Break

16:00 – 16:30 Sessions

16:00 –16:30 – Mobile Bayesian Diagnostic System for Childhood Infectious Diseases- Precious IHEME, Nicholas Omoregbe, Sanjay Misra, Davies Adeloje.

16:30 – 17:00 - Disruptive technologies on mobile communications - Arturo Lezama Leon

18:35 –21:35 – Banquette Dinner

**Venue: Autonomous University of City Juarez, Chihuahua, Ciudad Juárez
March 30, 2017**

ICADIWT 2017 Preliminary schedule

March 30, 2017

- ✓ 10:15-12:35 Sessions
- ✓ 12:35-14:00 Lunch
- ✓ 14:00-14:45 Keynote III
- ✓ 14:45-17:25 Sessions
- ✓ 17:25-17:45 Coffee Break

Conference Program – March 30, 2017

10:15– 10:45 - Toward a Quantitative Approach for Web Usability using Eyetracking Data- Mario Luna Maldonado, Ramón Ortiz Bustillos, Francisco López Orozco, Rogelio florencia Juárez.	
10:45– 11:15 - Software Defined Radio in Digital Communications Teaching - Héctor Garcés Guzmán, Victor M. Hinostrza Zubía, Lidia H. Rascon Madrigal.	
11:15– 11:45 - Review on higher-order neural units to monitor cardiac arrhythmia patterns - A. Martinez, R. Rodriguez Jorge, R. Villa-Angulo, J. Bila, J. Mizera-Pietraszko.	
11:45–12:15- Fuzzy control proposal for the climate of a homemade greenhouse - Angel Montes Olguín, Ricardo Rodriguez Jorge.	
12:15–12:45- Control of the permanent magnet synchronous generator using sliding modes for wind turbine application -Daniel Gerardo Ortega Meza, Manuel Ivan Castellanos García.	
12:45–13:15- HifoCap: An Android App for Wearable Health Devices -Yoonsik Cheon, Rodrigo Romero, Javier Garcia	
13:15–14:45 Lunch	
14:45–15:30	KEYNOTE III: Professor Diego Moisés Almazo Pérez
15:30- 16:15	KEYNOTE IV: Professor Ricardo Rodríguez Jorge
16:15-19:15 Sessions	
16:15–16:45- Disruptive Technologies on mobile communications - Arturo Lezama Leon, Jaime Aguilar Ortíz, José Miguel Liceaga Ortíz de la Peña, José Juan Zarate Corona.	
16:45–17:15- Cloud Based Security Driven Human Resource Management System - Isaac Odun Ayo, Sanjay Misra, Nicholas Omoregbe Emmanuel Onibere, Yusuf Bulama.	

17:15–17:45-Workshop on Collaborative Robots - Arturo Lezama León, Manuel Xicoténcatl Pérez, Ruben Oswaldo Hernández Terrazas, José Miguel Liceaga Ortíz de la Peña.

17:45- 18:15-Structural Analysis of Unmanned Aircraft - Geovani Garcia, Manuel Lira, Alfonso Uribe, Carlos Villagrana, Luis Lira and Axel Ponce

18:15-18:45 - Security in equipment to the IoT - Arturo Lezama León, José Miguel Liceaga Ortíz de la Peña, José Juan Zarate Corona

18:45 –19:15 - Evaluation and Comparison of Metrics for XML Schema Languages - Sanjay Misra, Dare Falola.

19:15–19:35 – Coffee Break

**Venue: Autonomous University of City Juarez, Chihuahua, Ciudad Juárez
March 31, 2017**

ICADIWT 2017 Preliminary schedule

March 31, 2017

- ✓ 10:15-10:55 Sessions
- ✓ 10:55-11:20 Coffee Break

Conference Program – March 31, 2017

10:15– 10:45 - Collaborative and Decentralized Storage Services- Francisco de Asís Lopez Fuentes.

10:45–11:15- How Network Coding Impacts Buffers Management in Video Transmission? - Francisco de Asís Lopez Fuentes, Cesar Cabrera Medina.

11:15 – 11:35– Coffee Break

➤ **March 31 Local Tour**