

Centro Cultural Universitario		Hotel María Bonita					
Miércoles		Jueves			Viernes		
8:00 - 9:00	Registro						
9:00 - 9:30	Inauguración	Shin'ichi Yuta Auditorio			Salvador Echavarría Auditorio		
9:30 - 10:30	Raúl Rojas	Cofee Break					
10:30 - 11:00							
		Sala A	Sala B	Sala C	Sala A	Sala B	Sala C
11:00 - 11:20	Design of a Voice Recognition System to Manipulate a 3 D.O.F. Robot. E. Méndez-Zapata, M. A. Vargas, S. Vergara y F. Reyes	Preliminary Design of a Leg Prothesis. F. S. Vergara, M. A. Vargas, F. Reyes, J.M. Rodríguez and M. Vargas	A Multicriteria and Multiattribute Model for Farm's Tractors Evaluation: A Case of Study. Jorge L. García, Pablo Diosdado, Julián I. Aguilar	Consolidation Studies on CNT Reinforced Aluminum Metal Matrix Composites Using Hot Compaction and Spark Plasma Sintering. R. K. Narayanan, R. Sathish, M. Rajesh Elara, Jaichandar K. S.	Knowledge Verification in Image Segmentation Problems Using an Extended Petri Net. Ricardo Rodríguez Jorge, Gerardo Reyes Salgado, Vianey Guadalupe Cruz Sánchez, Osslan Osiris Vergara Villegas, Andrea Magadán Salazar	The Model Sigma Σ: An Alternative of Continuous Improvement for Workers of the Manufacturing Industry. Sabino Velázquez Trujillo, Juan José Díaz Nuñez	On the Evaluation of the Potential Guidelines to Resolve ERP Implementation Difficulties: A Literature Review. Salvador G. Camacho Uribea, Javier Holguín De La Cruz.
11:20 - 11:40	Experimental Prototype for Control and Dynamics Evaluation of Mechanic Arm-Helicopter. Laura Jiménez, Salvador González, Rafael Jiménez, Brenda Mendoza, Gabriel Lara	An Intelligent FPGA Based Anti-Sweating System for Bed Sore Prevention in a Clinical Environment Jaichandar.K.S, Mohan Rajesh Elara, Sampath Kumar, Tan.K.W & Chua.Y.S.Adrian	Comparison of Two Multicriteria and Multiattribute Techniques for Robots Evaluation. J. L. García, E. Luna, and R. M. Luna	Fabrication and characterization of Carbon Fiber and CNT Reinforced Aluminum matrix Composites. I. Sridhar, R.K. Narayanan, E. Mohan Rajesh and K.S. Jai Chandar	Prediction of Component Location Coordinates for Setup Time Reduction Using a Neural Network Approach. Estrada, Francisco J., Oscar A Martínez.,Lázaro Rico and Roberto Romero	Identification of High Risk Conditions on Teachers in the Distance-Learning Environment. María de Jesús Pérez Aguilera, and Juan Luis Hernandez Arellano	A Methodology for the Estimation of the Flexibility Degree on Manufacturing Systems. Cesar Leonardo González Pinzón
11:40 - 12:00	Hybrid Controller Design for Robot Application. B. Cruz Jimenez, L. Ricalde Castellanos, L. Ayala Dominguez	Predictive Direct Torque Control for Induction Motors Alfredo Sandoval Téllez, Pedro Ponce Cruz, Jorge Iván Gutiérrez Gasca, Ricardo Fernández del Busto, and Marco Antonio Paz Ramos	Six Sigma Application to Electrical Test Board Adán Valles Chávez, Mario Alberto Corral Chacón and Jesús Armando Murillo Torres	Diagnosis of Risks and Injuries (LEST and RULA) in the Forged Area in a Manufacturing Company of Aluminum Furniture. Muñiz, Luz E., Erwin A. Martínez, Roberto Romero.	Vehicle Routing in a Star-Case Network. Igor Litvinchev	Increase of the Productivity and the Quality Due to the Improvements in the Information System. Lom Hernández Javier A. and De la Riva Rodríguez Jorge	Lean Manufacturing in Service's Microcompanies. Francisco Javier Nájera Hermosillo, Sergio Martínez de la Piedra.
12:00 - 12:15	Cofee Break						
12:15 - 13:45	Jorge Rodríguez	Louis Everett Auditorio			Xiaochun Li Auditorio		
		Sala A	Sala B	Sala C	Sala A	Sala B	Sala C
13:45 - 14:05	Ergonomic Evaluation Methodologies used in Manufacturing Environments: A Literature Search. Julián I. Aguilar D., Juan L. Hernández A., Jorge L. García A., Salvador Noriega, and Gabriel Ibarra	Preliminary Design of an Interface to Read a CCD. F. Báez, S. Vergara, M. A. Vargas	Modeling of a Flexible Manufacturing Cell by Means of Colored Petri Nets. Angel Flores Abad, Manuel de Jesús Nandayapa Alfaro and Osslan Osiris Vergara Villegas	Main Aptitudes Evaluated to Manufacturing Managers in Automotive Sector. Jorge L. García A., Marian J. Llamas, Andrea Garcia, and Vicente A. Carmargo V.	Teleopered Submarine. J. Gutiérrez, S. Vergara, M. A. Vargas y F. Reyes.	A Case Study on Service Design for Customer Satisfaction in Small Businesses. Estrada, Francisco J., Angelica Arguijo, Roberto Romero	Design and Simulation of Automatic Handling System using Grafset Methodology and FluidSim. Néstor Ramírez Morales, Luis Ricardo Vidal Portilla, Raúl Néco Caberta and Karina Lizzeth López
14:05 - 14:25	40 Meters per Minute, Speed Ergonomically Dangerous? Julián I. Aguilar D., Juan L. Hernández A., Jorge L. García A., and J. Nieves Serratos P.	Related Topics for an Embodied Procedural Reasoning Architecture. Fernando Orduña Cabrera and Miquel Sánchez-Marré	Learning Curve Reduction for Manual Assembly Operations using a Training Methodology based on the Operator's Learning Style. Estrada, Francisco J., J. Marcos Reyes, Roberto Romero	System of Scheduling for Mixed Assembly Lines in a Just in Time Environment Part. Samuel González López, Fernando Orduña Cabrera, Jesus Miguel García G.	Design of Automatic Material Handling of Raw Material and End Product. Eduardo Esparza, Luis R. Vidal, Gerardo Sandoval	Proposal of Ergonomic Redesign in Operational Areas of an Automotive Harnesses Factory. Jorge L. Salas, Salvador A. Noriega, Erwin A. Martínez	An Expert System for Support and Training in the Diagnostic of Video faults in a Computer Assembling Line. Ricardo Vázquez Vargas, Jesús José Aguirre Solís
14:25 - 14:45							

FIRST INTERNATIONAL CONFERENCE ON INDUSTRIAL, MECHATRONICS AND MANUFACTURING ENGINEERING



CURSOS

Horario	Martes 2	Miércoles 3	Jueves 4	Viernes 5
08:00 - 10:00 hrs	Curso: Principios de maquinados con NX 5 Instructor: Ing. Miguel Villalpando Gutierrez Zamora Cupo: 25 alumnos Aula: CAD/CAM Edificio Y1 205 planta alta			
10:00-13:00 hrs.	Curso: Manufactura asistida por ESPRIT Instructor: Ing. Gonzalo Morales López Cupo: 25 alumnos Aula: CAD/CAM Edificio Y1 205 planta alta			
17:00-20:00 hrs.	Curso: Evaluación ergonómica cognitiva Instructor: Dr. Gabriel Ibarra Mejía Cupo: 25 alumnos Aula: Laboratorio de Ergonomía y Métodos Edificio Y1		Curso: Evaluación ergonómica cognitiva Instructor: Dr. Gabriel Ibarra Mejía Cupo: 25 alumnos Aula: Laboratorio de Ergonomía y Métodos Edificio Y1	Curso: Evaluación ergonómica cognitiva Instructor: Dr. Gabriel Ibarra Mejía Cupo: 25 alumnos Aula: Laboratorio de Ergonomía y Métodos Edificio Y1
17:00-20:00 hrs.	Curso: Herramientas para 6 sigma con Minitab Instructor: M. en C. Roberto Romero López Cupo: 34 alumnos Aula: CIT W-306			
17:00-20:00 hrs.	Curso: Simulación de procesos de producción con Simul8 Instructor: Dr. Jesús José Aguirre Solís Cupo: 24 alumnos Aula: CIT W-105			
17:00-20:00 hrs.	Curso: Fundamentos de Diseño con Solid Edge Instructor: M. I. Gabriel Isaac Siller Orozco Cupo: 30 alumnos Aula: CAD/CAM Edificio Y1 205 planta alta			
17:00-20:00 hrs.	Curso: Torno convencional Instructor: M. en C. Lázaro Rico Pérez Cupo: 15 alumnos Aula: Laboratorio de Sistemas de Manufactura Edificio Y1 103 planta baja			
17:00-20:00 hrs.	Curso: Redes Industriales (Profibus) Instructor: M.C. Néstor Ramírez Cupo: 25 alumnos Aula: 101 Edificio Y2 planta baja			