

Horario	16 de Noviembre				
	SALÓN "LA VISTA A" POTENCIA	SALÓN "LA VISTA B" TIC	SALÓN "EL LAGO A" ELECTRO	SALÓN "EL LAGO B" INDUSTRIA I	SALÓN "POETA" INDUSTRIA II
08:30-09:00	"Criteria for Determining Optimal Penetration Level of Large-scale Wind Generation in Interconnected Systems: Methodology Proposal" - L. Javier Barrionuevo	"Wireless Mesh Network for Remote Monitoring of Electric Power Meters at a University Campus" - Carlos E. Martínez-Cruz	Intellectual Property in Engineering - José Algaba	Monitoreo en Línea de Transformadores por Emisión Acústica - Arturo Núñez- INPROCA	"Conductores Eléctricos, Nomenclatura, Canalización y Normativa de Construcción" - Uriel Pérez - Southwire
09:05-09:35		"Evaluation of Governmental Infrastructure for Deployment of LTE-Advanced in Esteli, Nicaragua" - Elio A Perez Molina	"Microsystems for Biomedical Applications" - Dr. Antonio Luque	"Generación Distribuida y sus Implicaciones" - Ing. Enrique Tejera	"Transformación Digital: electricidad con el Internet de las Cosas (IoT)" - Horacio Prado - BTICINO
09:40-10:10	Optimization the Distribution of Wind Turbines in Wind Farms - Reynaldo Iracheta	"Bit Error Rate Performance Analysis of Vehicular Communication Systems Considering Velocity Variations of the Mobile Stations" - Carlos A Gómez Vega	"ORTE Exoskeleton: Actuation System Dimensioning and Selection" - Ricardo Espinoza Gomez		Soluciones VIAKON- Victor Gamiochipi-VIAKON
10:15-10:30	COFFEE BREAK				
10:35-11:05	"Designing a Radial-Type Multi-Pole Permanent Magnet Synchronous Generator (PMSG) for Horizontal Axis Wind Turbines" - Reynaldo Iracheta Cortez	"Cybersecurity on Industrial Control Systems: The past and future on status and research trends" - Dr. Urko Zurrutueta	"Labor Induction failure prediction using Gabor Filterbanks and Center Symmetric Local Binary Patterns" - Pablo Vasquez	"Combatiendo las Falsificaciones de Equipos Eléctricos" - Gustavo Domínguez - EATON/NEMA	"Microgrids"- José Quiñones-Mitsubishi Electric
11:10-11:40	"Power System Stability with Asynchronous Wind Generators. Academic Example based on Paraguana's Electric Power System" - Elmer Sorrentino	"A Collaborative Framework for Android Malware Detection using DNS & Dynamic Analysis" - Oscar Somarriba	"A rehabilitation System for Upper Limbs in Adult Patients using video games" - Monica Huerta		"Sistema de Monitoreo Inteligente ISM de Subestaciones" - Ricardo Ceribelli- ANXOR Ingeniería/MR
11:45-12:15		"Emulation of Backbone's Connectivity and Management for the Layer 3 Service of Internet 2: 2016's Topology" - Jose-I Castillo-Velazquez	"Location of Brain Areas using Ensemble Kalman filter and Considering non-Homogeneous and no Linear Dynamical Model" - Pablo A Muñoz Gutiérrez	Metodología de Selección de Recubrimientos para Transformadores Eléctricos Instalados en Ambientes Corrosivos Extremos - Israel Barrientos PROLEC	_____
12:20-13:20	ALMUERZO				
13:25-13:55	"Voltage Measurement in a Reconfigurable Solar Array with Series-Parallel Topology" - Luis Diego Murillo-Soto	"Performance Analysis of Radio Link Implementation for Low Cost Deployed WIMAX Networks" - Johanny Balmaceda	"Code Optimization in Modern Compilers" - Daro Cristian	"Diseño de Grandes Plantas Solares" - Ricardo Trujillo - IEEE Life Member	_____
14:00-14:30	"Quadratic Adjustment with Vertex Convergence: An Alternative Algorithm for Maximum Power Point Tracking in Photovoltaic Modules" - Miguel Hernandez-Rivera	"Nuevas tendencias en Ciberseguridad" Christian O'Flaherty	"Exoskeleton Robots for Rehabilitation: State of the Art and Future Trends" - Manuel Cardona		"Nueva Generación de Celdas de Media Tensión con Aislamiento Sólido de Tipo Sumergible" - Jorge Ramirez - Schneider Electric
14:35-15:05	Towards an Energy Integration in the Rio de la Plata Basin: Lessons Learned and Recommendations - Victorio Oxilla	"Performance Analysis for a Wireless Mesh Network Test-Bed Using HWMP and BATMAN-Adv Routing" - Fernando J. Matus	"Robust Multiband Image Segmentation Method based on User Clues" - Claudia N Sanchez	"Nueva Tecnología en Cables eléctricos para Líneas de Transmisión" - Mauricio Corredera - General Cable	"SmartCast Technology" - Ignacio Diaz - CREE
15:10-15:25	COFFEE BREAK				
15:30-16:00	"Integrated Generation and Transmission Planning Under Uncertainty Using Flexibility in Generation" - Mario S Arevalo González	USAID's Grand Challenges for Development - USAID Nicaragua	"Kinematic Analysis and Workspace Simulation of Humanoid Robot KUBO" - Efrain Hernández	"Concepto, Casos de Éxito y Aplicabilidad enfocados a Ciudades Inteligentes e IoT." - Mario Sánchez - ITRON	"Tendencia en la aplicación de cables S8000 en nuevos proyectos de construcción, cables eléctricos y de telecomunicaciones" Ing. Mario Chávez García - CONDUMEX
16:05-16:35		"Assessing Risk of the Technical Support Department Case Study: a Nicaraguan Private Company" - Rene Gaitan	"Computational Model to Obtain SAR Produced by EMF from Telecommunications Services over Adult Human Bodies" - Pedro Infante	"Safe and quick High voltage circuit breaker testing using DCM dual ground technology" - Ariel Toribio- MEGGER	
16:40-17:10	"On the Performance of SING - Chile: Analysis and Reproduction of Real Disturbances Through Dynamic Simulations" - Ezequiel Atlas	"Recorder of Climatic Variables and River Levels using Open Source Software and Hardware and Mobile Phone" - José Wilber Calderón Urrutia	Domotic Application for the Monitoring and Control of Residential Electrical Loads - Diego P. Chacón Troya	"Monitoreo y Gestión de la Energía" - Alexander Lopez - CARLO GAVAZZI	ETAP "HOSPITALITY SUITE"
17:15-17:45	"Considerations on the Flicker and the Current Measurement System: Flickermeter" - Mauro Loggini	"Compensación de Reactivos en Redes Industriales" - Roberto Roblero - General Electric/ ANXOR Ingeniería	"Restrictions in Argentina: Limits of the electrical transport system to the integration of new renewable generation" - Javier Barrionuevo	"Calidad de la Energía" - Francisco López - ELEC	

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08:30-09:00	"Interior Point Method based Efficiency Optimization for an Induction Motor Drive" - Jesús Pacheco	"Desarrollo de una Aplicación para Compresión de Datos, utilizando el Algoritmo de Huffman - Ivan Alvarado	Estudio de Pre-factibilidad para el Proyecto Geotérmico Volcán Cosiguina - Ing. Erick Poulson	"Semantic Representation of Teaching Planning, Pilot Experience at UTPL - María B Mora Arciniegas	Smart Transformers - Soluciones Inteligentes en Transformadores - Dr. José Carlos Mendes - ABB
09:05-09:35	"Buenas prácticas para Instalación de Conductores de Aluminio en Edificaciones" - Jennifer Rodriguez - General Cable	Calibration of the Standard Propagation Model (SPM) in a LTE Network for Managua" - José M Gómez Rojas	"Indirect Model Prediction Control with Imposed Sinusoidal Source Currents for a Direct Matrix Converter Working at Fixed Switching Frequency" - Marco Rivera	"STEM Education in the Americas and Nicaragua" - Dr. Juan F. Arratia UMET Puerto Rico	
09:40-10:10	Corrosion Management in the Design, Construction, Operation and Maintenance of Electrical Installations - Gustavo Salloum	Designing a Radial-Type Multi-Pole Permanent Magnet Synchronous Generator (PMSG) for Horizontal Axis Wind Turbines - Reynaldo Iracheta Cortez	"Nuevas crucetas aisladas para distribución y transmisión, una solución inteligente al robo de estructuras y al restablecimiento rápido después de catástrofes naturales" - Roberto Gomez - K-Line	"Joint Capstone Design Projects between UNI and Villanova University Students" - Dr. Pritpal Singh	ENATREL
10:15-10:30	COFFEE BREAK				
10:35-11:05	Design, Implementation and Financial Analysis of a Mobile Power Transformer (TEM) as a Method to Minimize SAIDI in Electrical Distribution Systems - Francisco Heredia Ramírez	"Outdoor-to-Indoor Propagation Mechanisms in Multi-Storey Building for 0.85 GHz and 1.9 GHz Bands" - Maxwell J. Calderon	"Comparative Study of Digital Filtering Algorithms for the Application of Relays During Fault Conditions" - Jocelyn Mendoza	"A Computer-Aided Test Bench System for Teaching and Research on Fault Detection in Three-phase Induction Motors" - Danny Sotomayor	"Real-Time Technology: Migration of Traditional SCADA Systems Technology: Concepts & Application Recommendations" - Luis I Ruiz Flores-ETAP
11:10-11:40	"Gestión de la Energía en Oficinas Comerciales e Instituciones Financieras" - Ing. Fotis Stringos	"Prototype Development of a Wireless Embedded System for Bridge Monitoring" - César Garita	"Automated System of Irrigation for Drip based on Measurements of Dampness" - Edmundo Sánchez	"Producing linked open data to describe scientific activity from researchers of Ecuadorian universities" - Irma E. Cadme Samaniego	
11:45-12:15	"Control System Design of an Electric Shower for Energy and Water Saving" - Diego Chacón Troya	"Analysis of the throughput performance for a LTE-A network in Managua using the strategies of the Packet Scheduling and frequency bands 1, 2 and 3 FDD" - Xitaly Romero	"The Experience of Implementation with Agile Business Process" - Denis Rodríguez Zamuria	"Aspectos Relevantes para la Correcta Selección y Aplicación Pararrayos" TE Connectivity	
12:20-13:20	ALMUERZO				
13:25-13:55	"Comparative Analysis and Evaluation of Reciprocating Engines and Gas Turbines Used in Cogeneration Systems Up to 50 MW" - Adriana Santamaría Padilla	"Semantic representation of bibliographic resources cataloged in the UTPL Library" - Ma. Carmen Cabrera-Loayza	"Use of Automated Blinds in Smart Buildings for Energy Savings: A Mexican Case" - Aldo Gutiérrez	"Soluciones de Southwire" - Uriel Pérez - Southwire	
14:00-14:30	"Distribution Power Quality Levels in El Salvador" - Armando Martínez	"Sierra: A Bipartite Graph Visualization" - Armando Arce	"Design of a Security System to Control of Electronic Equipment Using RFID" - Monica Huerta	"Seguridad en Mediciones Electricas" - Juan C. Peralta - Elvatron	
14:35-15:05	"Liberalization of the Honduran Electricity Market: A Review of the Current Process" - Jorge Núñez Pagoaga	Efficient Cooking Program in Chimborazo Province: Technical Analysis and Energy Demand - Diego Villamarin	"Análisis comparativo de los postes de acero y de concreto" - Diego Fernando Ceballos - DIMEL	"Importancia del Cumplimiento de las Certificaciones y Normativas en la Iluminación LED" - Ignacio Díaz - Glenn International	Café Técnico - Tecnologías Emergentes y su Impacto en la Sociedad - Panel de Expertos
15:10-15:40	"Adaptation of the Colombian National Regulation to Incorporate Large Scale Renewable Energy Sources" - María Mazuera	"AMI y Manejo Eficiente para la Generación Distribuida de Electricidad" - Mario Sánchez - ITRON	"Sistemas de Iluminación Eficiente" - Hector Berrios Sylvania	"Apartarrayo de línea con entrehierro en aire" - DISMATEL	
15:45-17:45	COCTEL DE CLAUSURA EXHIBICION TECNICA DE STANDS				