



1/18

SUMMARY

1	MEMBERSHIP NEW MEMBERS (TOTAL) FELLOW MEMBERS IN PROCESS SENIOR MEMBERS IN PROCESS SERVICES TO THE MEMBERSHIP	442 4 12 348	*
	(UNIVERSITIES AND ENTERPRISES COUNSELING - ATTACHED 1 -) APPLICATIONS IN PROCESS	280	
2	STUDENTS ACTIVITIES NEW STUDENT MEMBERS NEW STUDENT BRANCHES STUDENT BRANCHES IN PROCESS	214 5 34	
	SUPPORT TO STUDENT BRANCHES RRR RRGOLD SUMMER MEETING FALL MEETING	24 74	STUDENTS STUDENTS & PROFESORS STUDENTS & PROFESORS
3	PORATES TO SOCIETIES - TO PES 126	228	
	 TO OTHERS SOCIETIES 102 INVITATIONS FOR SENIOR MEMBER DISTINGUISHED VISITORS 	155 47	
	CONTINUOUS EDUCATIONAL:	15	TUTORIAL COURSES
	EVENTS: • 22ND SUMMER MEETING - 2009 TECHNICAL EVENTS • 242 PAPERS • 182 INFO SESSIONS • 21 MASTER LECTURES • 4 PANEL SESSIONS • 2 TUTORIAL COURSES	- 451	
	► 20TH FALL MEETING - 2009 - TECHNICAL EVENTS ■ 97 PAPERS ■ 15 MASTER LECTURES ■ 77 INFO SESSIONS	189	
4	ACHIEVEMENTS INCREMENTO EN LA MEMBRESIA TOTAL DE LA SECCION MEXICO EN NEW STUDENT BRANCHES	25. 6	5 %
	► NEW STUDENT BRANCHES ► NEW STUDENT MEMBERS	5 214	
	 NEW PROFESSIONAL MEMBERS TO GET THE 2009 IEEE STUDENT - BRANCH MAGAZINE 	228	

* DULY REGISTERED ONLINE





2/18

MEMBERSHIP:

The Mexico Section carried out:

471 PROCESS OF APPLICATION

AND RENEWAL

The Mexico Section incorporated:

442 NEW MEMBERS

228 PROFESSIONALS 214 STUDENTS

SENIOR MEMBERS IN PROCESS

- Francisco Aguirre Mosqueda
- +Cugo Aquino Navarrete
- Diego D. Pota Pontreras
- Fictor M. Hinostroza
- Sgnacio Elamas Garro
- Jose M. Mora Tenorio
- Román M. Moreno
- René Roa Fierro
- Jorge A. Rojas-Ramírez
- Celedonio Sainz De Urquijo
- Ruis A. Bedeno González
- Mario Vaquera

FELLOW MEMBERS IN PROCESS

M.O. Gilberto Enríquez Harper Tr. Ricardo Mota Ralomino M.O. Jesús Repes García Tng. Augusto Hintze Valdez





3 / 18

375 SERVICES TO THE MEMBERSHIP

- ATTACHED 1 -

The Mexico Section gave consultantship to:

Institutions of Superior Education, Enterprises and Privates

in:

- APPLICATIONS TO IEEE
- **→ RENEWALS**
- **→ TECHNICAL SOCIETIES**

► CONSULTANTSHIP AND PROCESSES FOR:

- STUDENT BRANCHES FORMATION
 - TECHNICAL CHAPTERS FORMATION
 - AFFINITY GROUPS FORMATION
 - BRANCHES REACTIVATION
 - NEW OFFICIALS REPORT
 - ACTIVITIES PLAN AND REPORT
 - SENDING OF REPORTS
- **⇒** CHANGE OF GRADE TO MEMBER
- **▶** NOMINATION TO SENIOR MEMBER
- NOMINATION TO FELLOW

▶ ORIENTATION FOR:

- ACQUISITION OF STANDARDS, BOOKS, ETC.
- TO OBTAIN USERNAME, PASSWORD
- ALIAS OF IEEE

LOCATION OF:

- → SECTIONS DATA
- → TECHNICAL ARTICLES
- → STANDARDS
- PUBLICATIONS
- DIGITAL LIBRARIES
- LOCAL EVENTS
- REGIONAL EVENTS
- → INTERNATIONAL EVENTS

VISITS TO EDUCATIONAL INSTITUTIONS:

- GIVE CONFERENCES
- **▶** BENEFITS FOR THE MEMBERSHIP
- **⇒** IEEE STANDS





4 / 18

STUDENT ACTIVITIES

The Mexico Section incorporated:

214

NEW STUDENT MEMBERS

The Mexico Section formed:

5

STUDENT BRANCHES

- TECHNOLOGICAL INSTITUTE OF TOLUCA
- OLMECAN UNIVERSITY
- → TECHNOLOGICAL UNIVERSITY OF MEXICO -ATIZAPAN
- TECHNOLOGICAL OF SUPERIOR STUDIES OF COACALCO
- AUTONOMOUS UNIVERSITY OF MEXICO CITY

9 BRANCHES IN PROCESS

Receiving documents from schools

- COMPUTING INVESTIGATION CENTER IPN
- TECHNOLOGICAL INSTITUTE OF MERIDA
- TECHNOLOGICAL SUPERIOR INSTITUTE OF COMALCALCO
- EASTERN TECHNOLOGICAL SUPERIOR INSTITUTE OF THE STATE OF HIDALGO
- TECHNOLOGICAL SUPERIOR INSTITUTE OF JOCOTITLAN
- POLYTECHNIC UNIVERSITY OF PACHUCA
- ITESM SANTA FE
- AUTONOMOUS UNIVERSITY OF CHIAPAS
- UAEM TEOTIHUACAN VALLEY





5 / 18

The Mexico Section provided attention to students of Superior Education Institutions to form new Student Branches:

34

STUDENT BRANCHES IN PROCESS

- UNIVERSITY CENTER ETAC
- UNIVERSITY CENTER JUSTO SIERRA
- ITESCA
- SUPERIOR STUDIES INSTITUTE OF LOS CABOS
- TECHNOLOGICAL INSTITUTE CUAUHTÉMOC, CHIHUAHUA
- SUPERIOR STUDIES TECHNOLOGICAL INSTITUTE OF IXTAPALUCA
- SUPERIOR TECHNOLOGICAL INSTITUTE OF NUEVO CASAS GRANDES
- TECHNOLOGICAL INSTITUTE OF CD. CUAUHTÉMOC
- TECHNOLOGICAL INSTITUTE OF CUATITLAN IZCALI
- TECHNOLOGICAL INSTITUTE OF CULIACÁN
- TECHNOLOGICAL INSTITUTE OF TLALNEPANTLA
- SUPERIOR TECHNOLOGICAL INSTITUTE OF MISANTLA
- SUPERIOR TECHNOLOGICAL INSTITUTE OF TLAXCO
- SUPERIOR TECHNOLOGICAL INSTITUTE OF URUAPAN
- SUPERIOR TECHNOLOGICAL INSTITUTE OF XALAPA
- ITESM CAMPUS TOLUCA
- UAEM ZUMPANGO
- UNITEC CUITLAHUAC
- AUTONOMOUS UNIVERSITY OF BAJA CALIFORNIA
- AUTONOMOUS UNIVERSITY OF SAN LUIS POTOSÍ
- AUTONOMOUS UNIVERSITY OF TABASCO
- LA SALLE UNIVERSITY- PACHUCA
- UNIVERSITY OF QUINTANA ROO
- UNIVERSITY OF TABASCO
- JUÁREZ AUTONOMOUS UNIVERSITY OF TABASCO
- LA SALLE UNIVERSITY PACHUCA
- POLYTECHNIC UNIVERSITY OF AGUASCALIENTES
- POLYTECHNIC UNIVERSITY OF PUEBLA
- POLYTECHNIC UNIVERSITY OF SAN LUIS POTOSÍ
- TECHNOLOGICAL UNIVERSITY OF LA MIXTECA
- SOUTHEASTERN TECHNOLOGICAL UNIVERSITY OF GUANAJUATO
- UNIVERSITY OF PEDREGAL
- UNIVERSITY OF SONORA
- UVM VILLAHERMOSA





6 / 18

IN THE FOLLOWING EVENTS, SUPPORTED TO THE STUDENT BRANCHES

RRR & RGOLD 2009

REGIONAL MEETING OF BRANCHES & REGIONAL MEETING GOLD, R9

Celebrated from the 12th to the 15th of November, 2009 at the Escuela Superior Politécnica del Litoral, Universidad Católica Santiago de Guayaquil & Universidad Politécnica Salesiana in Guayaquil, Ecuador.

The Mexico Section supported the participation of **24 officials** of the Student Branches with the transportation, inscription and the stay.

Oscar Rojas Padilla
UPIITA - IPN
Student Branches Coordinator of
MEXICO SECTION IEEE

Jesús Heriberto Terrazas

TECHNOLOGICAL INSTITUTE OF CHIHUAHUA

President

Jorge M. Núñez Guardado
UNITEC - Atizapan
President

Antonio E. Benítez Mendoza

TECHNOLOGICAL INSTITUTE OF TOLUCA

President

Sofia Iraís Guerrero Sanabria

SUPERIOR STUDIES TECHNOLOGICAL OF COACALCO

President

Hugo Tapia Hernández

TECHNOLOGICAL OF SUPERIOR STUDIES OF COACALCO

Elected President

Jorge E. Conde Díaz CINVESTAV – IPN

President

Alejandro Mayoral

LA SALLE UNIVERSITY

President

Marciano Saúl Vázquez Dominguez

LA SALLE UNIVERSITY

Elected President

Ignacio Cuauhtémoc Benítez

UNAM - FACULTY OF ENGINEERING

President

Martín Rodríguez Juárez

UNAM - FACULTY OF ENGINEERING

Elected President





7/18

- CONTINUOUS -

RRR & RGOLD 2009 REGIONAL MEETING OF BRANCHES & REGIONAL MEETING GOLD, R9

Mayté Alandia Pérez

UPIITA - IPN

President

Agustín Santana Romero

UPIITA - IPN

Elected President

Edith Hernández

TECHNOLOGICAL UNIVERSITY OF NEZAHUALCOYOTL

President

Patricia Islas

TECHNOLOGICAL UNIVERSITY OF NEZAHUALCOYOTL

Elected President

Ana Ma. Solorzano Soria

TECHNOLOGICAL INSTITUTE OF DURANGO

President

Luz Alejandra de Anda Nevarez

TECHNOLOGICAL INSTITUTE OF DURANGO

Elected President

Jeovanny E. Bezares Leyva

ESIME - IPN, CULHUACAN

President

Octavio Aguado Sánchez

ESIME - IPN, CULHUACAN

Elected President

Roberto Carlos Canto Canul

AUTONOMOUS UNIVERSITY OF CAMPECHE

President

Gabriel Núñez Vega

TECHNOLOGICAL INSTITUTE OF SONORA

President

Luis Federico Pou Torres

OLMECA UNIVERSITY

President

Saúl Martínez Meza

SUPERIOR SCHOOL OF COMPUTING

President

Víctor Jesús Angulo Medina

TECHNOLOGICAL INSTITUTE OF SONORA

Elected President





8 / 18

RVP-AI/2009

22ND SUMMER MEETING

From the 5th to the 11th of July, 2009.

66 students and 8 professors of 5 Student Branches were supported.

UNAM

10 STUDENTS

IPN-ESIME-ZACATENCO

16 STUDENTS

TECHNOLOGICAL INSTITUTE OF TOLUCA

10 STUDENTS

TECHNOLOGICAL INSTITUTE OF MORELIA

10 STUDENTS 8 PROFESSORS

UNIVERSITY VERACRUZANA

20 STUDENTS

ROC&C'2009

20TH FALL MEETING

From the 29th of November to the 5th of December, 2009.

261 students and 12 professors of 6 Student Branches and 5 in formation process were supported.

TECHNOLOGICAL INSTITUTE OF VILLA GUERRERO

70 STUDENTS 2 PROFESSORS

IPN-CIC

5 STUDENTS

IPN-ESIME-CULHUACAN

5 STUDENTS

IPN-ESIME-ZACATENCO

8 STUDENTS 2 PROFESSORS

IPN-UPIITA

3 STUDENTS

SUPERIOR TECHNOLOGICAL INSTITUTE OF LA MONTAÑA

40 STUDENTS 2 PROFESSORS

SUPERIOR TECHNOLOGICAL INSTITUTE OF COATZACOALCOS

25 STUDENTS

AUTONOMOUS UNIVERSITY OF CD. JUAREZ

35 STUDENTS 3 PROFESSORS

UNIVERSITY VERACRUZANA

30 STUDENTS

UNIVERSITY MEXIQUENSE

33 STUDENTS 2 PROFESSORS

TECHNOLOGICAL UNIVERSITY OF NEZAHUALCOYOTL

7 STUDENTS 3 PROFESSORS





9 / 18

IEEE STANDS WERE INSTALLED AT THE FOLLOWING EVENTS:

- Power Summer School UNAM 2009 (EVP-UNAM /2009), it was carried out at the Engineering Tower of the University Campus the 5th, 6th and 7th of August, 2009.
- The Student Branch of UNAM, at the EX-STUDENT SOCIETIES WEEK OF THE ENGINEERING FACULTY (SEFI), from the 7th to the 9th of October, installed a Stand of the IEEE with the support of Mexico Section.
- EXPO ACONTEC, organized by the Engineering Department in Control and Automatization of the INSTITUTO POLITECNICO NACIONAL, and the STUDENT SECTION OF ISA CONTROL, it was carried out in the Cultural Center "Jaime Torres Bodet" the 30th of September and the 1st of October, 2009.
- TISP TEACHER IN-SERVICE PROGRAM
 UPIITA, IPN MEXICO SECTION IEEE
 Development Program by the IEEE. The TISP is being implemented in different countries all over the world, encouraging the young people for leaning over into technological careers.
 Wednesday, June 3rd, 2009.
- RVP-AI
 22ND SUMMER MEETING
 From the 5th to the 11th of July, 2009.
- ROC&C
 20TH FALL MEETING
 From the 29th of November to the 5th of December, 2009.

WE SUPPORTED THE STUDENT BRANCHES WITH THE VISIT OF OUR SAC.

- TISP TEACHER IN-SERVICE PROGRAM UPIITA, IPN - MEXICO SECTION IEEE Wednesday, June 3rd, 2009.
- IV CONGRESS OF ELECTRIC AND ELECTRONIC TECHNOLOGY INNOVATION "TRANSFORMING ECOSYSTEMS, INNOVATING THROUGH ELECTRIC TECHNOLOGY"

TECHNOLOGICAL INSTITUTE OF SONORA

October the 30th, 2009

 THE AWARENESS OF THE STUDENT BRANCH of the TECHNOLOGICAL INSTITUTE OF DURANGO October the 19th, 2009





10 / 18

PROFESSIONAL ACTIVITIES

THE MEXICO SECTION INCORPORATED:

228

NEW PROFESSIONAL MEMBERS

(126)

PROFESSINAL MEMBERS INCORPORATED TO THE POWER ENGINEERING SOCIETY

(102)

PROFESSINAL MEMBERS INCORPORATED TO THE OTHER SOCIETIES

SENIOR MEMBER PROGRAM

155 INVITATIONS TO MEMBERS TO BECOME SENIOR MEMBER

DISTINGUISHED VISITORS

WE HAD THE HONOR TO HAVE THE PRESENCE OF THE FOLLOWING DISTINGUISHED VISITORS:

Eng. Francisco Martínez
IEEE Globalization of Professional Activities
MGA Liaison to TAB
IEEE

Eng. Enrique Alvarez Rodrich Regional Director IEEE - Latin America, R9

Ph.D. José Bernardo Rosas-Fernández Centre for Advanced Photonics and Electronics Cambridge University





11/18

TUTORIAL COURSES

The Continuous Education Secretary of Mexico Section IEEE carried out on its Training Center:

15 TUTORIAL COURSES

 THE DISTRIBUTION OF NETWORKS AND THE QUALITY OF ENERGY

February the 5th, 2009.

- GENERATION TECHNOLOGIES OF ELECTRIC ENERGY
 July 23rd and 24th, 2009.
- REACTIVE POWER COMPENSATION IN ELECTRIC POWER SYSTEMS

July 30th and 31st, 2009.

 MAINTENANCE AND TEST TECHNIQUES TO ELECTRIC EQUIMPMENT

August 6th and 7th, 2009.

 TRANSMISSION LINES PROTECTION AND SUBSTATIONS LIGHTNING ARRESTER

Agust 20th and 21st, 2009.

 TRANSMISSION LINES AND DISTRIBUTION NETWORKS

September 3rd and 4th, 2009.

DISTRIBUTION NETWORKS (PLANNING AND DESIGN)

September 10th and 11th, 2009.

 PROTECTION RELAY AND PROTECTION COORDINATION IN INDUSTRIAL ELECTRICAL SYSTEMS

September 24th and 25th, 2009.

 GROUND SYSTEMS DESIGN FOR INDUSTRIAL AND COMMERCIAL INSTALLATIONS

October 15th and 16th, 2009.

ELECTRONIC EQUIPMENTS

October 20th and 21st, 2009.

 ISOLATION COORDINATION OF TRANSMISSION LINES AND ELECTRIC SUBSTATIONS

October 29th and 30th, 2009.

 GENERATORS PROTECTION ACCORDING TO IEEE C37.102 2006 GUIDE

November 18th and 19th, 2009.

- ELECTRICAL POWER SYSTEM PROTECTION
 November 26th and 27th, 2009.
- POWER TRANSFORMERS IN ELECTRICAL SYSTEMS December 3rd and 4th, 2009.
- ELECTRIC ENERGY QUALITY OF SERVICE December 10th and 11th, 2009.





12 / 18

RVP-AI/2009 22ND SUMMER MEETING

From the 5th to the 11th of July, 2009.

TECHNICAL PROGRAM

- 242 TECHNICAL ARTICLES
- **182 TECHNICAL CONFERENCES**
- 21 MASTERFUL CONFERENCES
- PANEL SESSIONS
- **2 TUTORIAL COURSES**

451 TECHNICAL EVENTS

THE FOLLOWING DISTINGUISHED CONFERENCISTS PARTICIPATED IN THE MEETING:

MOISTURE ASSESSMENT USING DIELECTRIC FREQUENCY RESPONSE AND TEMPERATURE DEPENDENCE OF DISSIPATION **FACTOR**

Eng. Peter Werelius MEĞGER, SWEDEN

INTELLIRUPTER -RESTORER **PULSES: A NEW PHILOSOPHY** FOR SAFEGUARDING FUSIBLES Eng. Jim Hart

S&Č ELECTIC, USA

PD & DIELECTRIC LOSSES DIAGNOSIS TO ASSES THE CONDITION OF TRANSMISSION **CABLES AND ACCESSORIES** Dr. Heening Oejten FONKEL

TWACS, PL COMMUNICATION FOR **GAUGES CABINET TYPE Eng. Richard Marking** AMBAR, USA

TENDENCIES ON THE TRANSFORMERS GAUGES Eng. Erwin Retz **ARĚVA T&D**

ADVANCES IN ELECTRICAL INSULATION. METHODS AND **APPLICATIONS** Eng. lan Mac Knight
INSULBOOT / PLASTIC DIP MOLDING

NEW METHODS FOR POWER SWITCHES TEST AND ANALYSIS Eng. Frank Richter KoČos Messtechnik AG **GERMANY**

MOISTURE ASSESSMENT USING DIELECTRIC FREQUENCY RESPONSE AND TEMPERATURE DEPENDENCE OF DISSIPATION **FACTOR** Mr. Mats Karlstrom MEGGER, SWEDEN

ADD TRIP SECURITY TO ARC-FLASH DETECTION FOR SAFETY AND RELIABILITY Eng. Mark Zeller Eng. Gary W. Scheer SCHWEITZER ENG. LAB.

ISOLATED MINERAL OILS, COMPARATIVE STUDY OF THE CONTENT OF WATER MEASURED BY THE PHOTOACOUSTIC AND COULOMETRIC KARL FISCHER

Eng. Alfonso De Pablo GE ENERGY POWER SYSTEMS, SPAIN

IEC 61850 - PRINCIPLES, APPLICATIONS AND BENEFITS

Dr. Alexander Apostolov OMICROM ELEC., Australia

MOISTURE ASSESSMENT USING DIELECTRIC FREQUENCY RESPONSE AND TEMPERATURE DEPENDENCE OF DISSIPATION FACTOR Eng. Matz Ohlen

MEĞGER, SWEDEN

UPDATE TRANSMISSION LINE PROTECTION COMMUNICATIONS Eng. Ken Fodero

SCHWEITZER ENG. LAB., USA

INDICATORS OF INTELLIGENT FAILURES FOR DISTRIBUTION NETWORKS WITH SOFTWARE Eng. Terje Venesth

MEŤERIŃG ENG. – NORTROLL

SPLICE SHUNT, SOLUTION TO HOT SPOTS IN COMPRESSION JOINTS Eng. Bob Whapham
PREFORMADOS, USA

REPAIR VS REMANUFACTURE Eng. Craig Stiegemeier

POWER TRANSFORMER ON-LOAD TAP CHANGER EVALUATION USING **DISSOLVED GAS-IN-OIL ANALYSIS** Eng. Norman Field

WEIDMANN DIAGNOSTIC SOLUTIONS

THE INVESTIGATION ROLE, APPLIED TO THE DEVELOPMENT OF SUSTAINABLE **ENEGETIC SYSTEMS**

Ph.D. Olimpo Anaya Lara **INSTITUTE FOR ENERGY AND ENVIRONMENT UNIVERSITY OF** STRATHCLYDE, U.K.

A NOVEL CURRENT-BASED DIFFERENTIAL CT SUPERVISION **FUNCTION**

Eng. Branislav Cvorovic Eng. Alfred Edward AREVA T&D Limited, U.K.

BUSBAR PROTECTION DESIGN FOR ECONOMY OF PANEL SPACE, MINIMISED POWER CONSUMPTION, AND ADVANCED PERFORMANCE Eng. Henri Grasset

AREVA T&D Lattes, FRANCE Eng. Best Chris **AREVA T&D Stafford,** U.K.

THE IMPORTANCE OF IEC 61850 INTEROPERABILITY TESTING Eng. J.C. Tan, Eng. C. Zhang GUANGXI UNIVERSITY, CHINA

THE ELECTRIC COMPANY OF THE **FUTURE** Dr. Renato Cespedes KEMA, USA

COMPACT HYBRID SOLUTIONS IN HIGH TENSION AND COMPARATIVE STUDY AMONG AIS/GIS/HIS/HIBRIDAS (DTC) Eng. Esad Avdic

SIEMENS, Vosnia

COMPONENTS OF A WIDE MONITORING AND DIAGNOSTIC SYSTEM FOR **TRANSFORMERS** Eng. Claude Kane

GEŇERMEX

COMPONENTS OF A WIDE MONITORING AND DIAGNOSTIC SYSTEM FOR TRANSFORMERS Eng. Peter Kantardziski **GENERMEX**

ADVANCED REAL-TIME SYNCHROPHASOR APPLICATIONS Ph.D. Edmund Schweitzr III SCHWEITZER ENGINEERING LAB.





13 / 18

RVP-AI/2009 22ND SUMMER MEETING

From the 5th to the 11th of July, 2009.

WE HAD THE PARTICIPATIONA AND ASSISTANCE OF THE FOLLOWING INSTITUTIONS AND INVESTIGATION CENTERS:

36

- SOUTHWEST JIATONG UNIVERSITY, CHINA
- STRATHCLYDE UNIVERSITY, GLASGOW, UK
- UNIVERSITY OF WATERLOO, CANADA
- UNIVERSITY OF MANCHESTER
- UNIVERSITY OF SIEGEN
- CICATA IPN
- ELECTRICAL INVESTIGATION INSTITUTE
- MEXICAN INSTITUTE OF WATER TECHNOLOGY
- TECHNOLOGICAL INSTITUTE OF AGUASCALIENTES
- TECHNOLOGICAL INSTITUTE OF APIZACO
- TECHNOLOGICAL INSTITUTE OF CD. MADERO
- TECHNOLOGICAL INSTITUTE OF CELAYA
- TECHNOLOGICAL INSTITUTE OF SUPERIOR STUDIES OF IRAPUATO
- TECHNOLOGICAL INSTITUTE OF LA LAGUNA
- TECHNOLOGICAL INSTITUTE OF MORELIA
- TECHNOLOGICAL INSTITUTE OF PACHUCA
- TECHNOLOGICAL INSTITUTE OF QUERETARO
- TECHNOLOGICAL INSTITUTE OF TOLUCA
- SEPI-ESIME IPN CULHUACAN

- SEPI-ESIME IPN ZACATENCO
- AUTONOMOUS UNIVERSITY OF COAHUILA
- AUTONOMOUS UNIVERSITY OF THE MORELOS STATE
- METROPOLITAN AUTONOMOUS UNIVERSITY -AZCAPOTZALCO
- METROPOLITAN AUTONOMOUS UNIVERSITY METROPOLITAN
- UNIVERSITY OF COLIMA
- UNIVERSITY OF GUADALAJARA
- UNIVERSITY OF GUANAJUATO
- UNIVERSITY OF LAS AMERICAS PUEBLA
- UNIVERSITY MICHOACANA OF SAN NICOLAS OF HGO.
- AUTONOMOUS NATIONAL UNIVERSITY OF MEXICO
- POLYTECHNIC UNIVERSITY OF GOMEZ DURANGO
- TECHNOLOGICAL UNIVERSITY OF PUEBLA
- TECHNOLOGICAL UNIVERSITY OF TORREON
- SOUTHWESTERN TECHNOLOGICAL UNIVERSITY OF GUANAJUATO
- UNIVERSITY VERACRUZANA CD. MENDOZA
- UNIVERSITY VERACRUZANA XALAPA

TUTORIAL COURSES

► IEC 61850 – PRINCIPLES, APPLICATIONS AND BENEFITS

- RELIABILITY EVALUATION OF POWER ELECTRIC TRANSFORMERS SERVICE
- THEORICAL & PRACTICAL WORKSHOPS OF OPGW OPTICAL FIBERS AND OTHER CABLES
 - DESIGN AND MANUFACTURING OF POWER TRANSFORMERS





14 / 18

ROC&C'2009

20TH FALL MEETING

From the 29th of November to the 5th of December, 2009.

TECHNICAL PROGRAM

- ▶ 97 TECHNICAL ARTICLES
- ▶ 15 MASTERFUL CONFERENCES
- ▶ 77 CONFERENCES

189 TECHNICAL EVENTS

THE FOLLOWING DISTINGUISHED CONFERENCISTS PARTICIPATED IN THE MEETING:

THE IEEE, TODAY AND TOMORROW: BENEFITS AND ITS TECHNOLOGICAL VISION Ing. Francisco Martínez Chávez

IEEE GLOBALIZATION OF PROFESSIONAL ACTIVITIES

TECHNOLOGICAL TRENDS M.C. Fernando Tavera Parra MEXICO BOARD IEEE

THE IEEE, IN THE SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT IN MEXICO Dr. José A. Calderón

MEXICO BOARD IEEE

A NONINVASIVE STUDY OF FETAL HEART RATE VARIABILITY DURING LABOUR Ing. Fernando S. Schlindwein UNIVERSITY OF LEICESTER, UK

REACTIVE POWER CONTROL SYSTEM FOR WIND FARM APPLICATION USING IEC 61850 PART I: OVERVIEW OF PROTECTION AND CONTROL SYSTEM AND USE OF GOOSE MESSAGES

Ing. Michael Thompson

SCHWEITZER ENGINEERING LABORATORIES, INC.

REACTIVE POWER CONTROL SYSTEM FOR WIND FARM APPLICATION USING IEC 61850 PART II: VOLTAGE AND REACTIVE POWER REGULATION, CAPACITOR SWITCHING LOGIC, PROTECTION FUNCTIONS, AND SYSTEM VALIDATION

Ing. Dale Kopf

SCHWEITZER ENGINEERING LABORATORIES, INC.

EXAMINATIONS WITH DOBLE ADAPTATION BASED ON OPEN STANDARDS
Dr. Francisco García Peñalvo
UNIVERSITY OF SALAMANCA, SPAIN

BUS TENDENCIES OF PROCESS & BUS OF SUBSTATIONS, REPLACEMENT ARCHI-TECTURES FROM COPPER TO OPTICAL FIBER Ing. Manuel Cahuich

SCHWEITZER ENGINEERING LABORATORIES

ADVACNES IN TRANSFORMERS MONITORING WITH SEL 2414

Ing. Máximo García

SCHWEITZER ENGINEERING LABORATORIES, INC., USA

NEXT GENERATION OF INTEGRAL SOLUTIONS WITH SEL3530 CONTROLLER OF REAL TIME AUTOMATIZATION AND SEL2440/2441

Ing. Manuel Cahuich

SCHWEITZER ENGINEERING LABORATORIES, INC., USA

PLATFORM IEC61850, VISION AND ACTUAL STATUS

Ing. Jean León

SCHWEITZER ENGINEERING LABORATORIES, INC., USA

SERVICES EVOLUTION AT IP/MPLS NETWORKS Ing. Freddy Turriaf

ALCATEL-LUCENT

PERFORMANCE OF REDUNDANT ETHERNET NETWORKS FOR ELECTRIC SUBSTATION INSTRUMENTATION AND CONTROL Ph.D. Veselin Skendzic

B.S. Gary W. Scheer

SCHWEITZER ENGINEERING LABORATORIES, INC., USA

COGNITIVES RADIOS: STATE-OF-THE-ART

M.C. Gustava A. Paradas Orazaa

M.C. Gustavo A. Paredes Orozco Dr. Luis Orozco Barbosa

DATA PROCESSING INVESTIGATION INSTITUTE OF ALBACETE, SPAIN

SMART GRID Ing. Andrei Salas

SIEMENS

INTERCHANGEABLE PRINCIPLES BASED ON THE IEC61850 STANDARD (PROJECT "LA VENTOSA") Ing. Claudio Alvarez

SIEMENS

SERVICES EVOLUTION AT IP/MPLS NETWORKS Ing. Freddy Turriaf ALCATEL-LUCENT





15 / 18

ROC&C'2009

20TH FALL MEETING

From the 29th of November to the 5th of December, 2009.

WE HAD THE PARTICIPATIONA AND ASSISTANCE OF THE FOLLOWING INSTITUTIONS AND INVESTIGATION CENTERS:

45

- UNIVERSITY OF LEICESTER, UK
- DATA PROCESSING INVESTIGATION INSTITUTE OF ALBACETE, ESPAÑA
- UNIVERSITY OF SALAMANCA, ESPAÑA
- ASSOCIATION OF RADIO EXPERIMENTERS OF THE STATE OF MEXICO
- HONORABLE AUTONOMOUS UNIVERSITY OF PUEBLA
- EDUCATIVE INNOVATION AND FORMATION CENTER
- APPLIED SCIENCES AND ENGINEERING INVESTIGATION CENTER
- NATIONAL CENTER OF TECHNOLOGICAL DEVELOPMENT AND INVESTIGATION CINVESTAV GUADALAJARA UNIT
- ELECTRICAL INVESTIGATIONS INSTITUTE
- AUTONOMOUS TECHNOLOGICAL INSTITUTE OF MEXICO
- TECHNOLOGICAL INSTITUTE OF AGUASCALIENTES
- TECHNOLOGICAL INSTITUTE OF APIZACO
- TECHNOLOGICAL INSTITUTE OF CHILPANCINGO
- TECHNOLOGICAL INSTITUTE OF CIUDAD MADERO
- TECHNOLOGICAL INSTITUTE OF COLIMA
- TECHNOLOGICAL INSTITUTE OF OAXACA
- IPN COMPUTING INVESTIGATION CENTER
 IPN COMPUTING SUPERIOR SCHOOL
- IPN SUPERIOR SCHOOL OF PHYSICS AND MATHEMATICS IPN ESIME CULHUACÁN UNIT
- IPN SEPI ESIME TELECOMMUNICATIONS DEPARTMENT
- IPN SEPI ESIME CULHUACÁN UNIT
- IPN SEPI ESIME ZACATENCO UNIT
- IPN UPIITA
- ITESM CAMPUS MEXICO CITY
- AUTONOMOUS UNIVERSITY OF CD. JUÁREZ
- AUTONOMOUS UNIVERSITY OF GUERRERO
- AUTONOMOUS UNIVERSITY OF SAN LUIS POTOSÍ
- AUTONOMOUS UNIVERSITY OF TAMAULIPAS
- AUTONOMOUS UNIVERSITY OF THE MORELOS STATE
- METROPOLITAN AUTONOMOUS UNIVERSITY AZCAPOTZALCO UNIT
- METROPOLITAN AUTONOMOUS UNIVERSITY IZTAPALAPA UNIT
- UNIVERSITY OF COLIMA
- UNIVERSITY OF GUADALAJARA
- UNIVERSITY OF GUANAJUATO FIMEE
- UNIVERSITY OF THE ATEMAJAC VALLEY- CAMPUS GUADALAJARA
- VALLE DE MÉXICO UNIVERSITY- CAMPUS LOMAS VERDES
- UNIVERSITY MICHOACANA OF SAN NICOLÁS OF HIDALGO
- AUTONOMOUS NATIONAL UNIVERSITY OF MEXICO ENGINEERING FACULTY
- POLYTECHNIC UNIVERSITY OF ALTAMIRA
- POLYTECHNIC UNIVERSITY OF GOMEZ PALACIO
- POLYTECHNIC UNIVERSITY OF THE RIVERSIDE REGION
- SOUTHWESTERN TECHNOLOGICAL UNIVERSITY OF GUANAJUATO
- UNIVERSITY VERACRUZANA





16 / 18

ACHIVEMENTS 2009

25.6% INCREASE IN THE TOTAL MEMBERSHIP OF MEXICO SECTION

442 NEW MEMBERS

214 STUDENTS

228 PROFESSIONALS

(126)

PROFESSINAL MEMBERS INCORPORATED TO THE POWER ENGINEERING SOCIETY

(102)

PROFESSINAL MEMBERS INCORPORATED TO THE OTHER SOCIETIES

LIBRARY ACQUISITION IEEE STUDENT BRANCH MAGAZINE

5 NEW STUDENT BRANCHES

- TECHNOLOGICAL INSTITUTE OF TOLUCA
- STECHNOLOGICAL OF SUPERIOR STUDIES COACALCO
- AUTONOMOUS UNIVERSITY OF MEXICO CITY
- UNIVERSITY OLMECA
- → TECHNOLOGICAL UNIVERSITY OF MEXICO -ATIZAPAN

9 BRANCHES IN PROCESS

Receiving documents from schools

- COMPUTING INVESTIGATION CENTER IPN
- TECHNOLOGICAL INSTITUTE OF MERIDA
- SUPERIOR TECHNOLOGICAL INSTITUTE OF COMALCALCO
- EASTERN SUPERIOR TECHNOLOGICAL INSTITUTE OF HIDALGO
- SUPERIOR TECHNOLOGICAL INSTITUTE OF JOCOTITLAN
- POLYTECHNIC UNIVERSITY OF PACHUCA
- ITESM SANTA FE
- AUTONOMOUS UNIVERSITY OF CHIAPAS
- UAEM TEOTIHUACAN VALLEY

TO CARRY OUT THE 22ND SUMMER MEETING
451 TECHNICAL EVENTS

TO CARRY OUT THE 20TH FALL MEETING 189 TECHNICAL EVENTS





17 / 18

ACTIVITIES PLAN 2010

GENERAL:

- SOCIAL SERVICES AT ENTERPRISES OR INSTITUTIONS, FOR STUDENTS OF THE SECTION BRANCHES.
- EMPLOYMENT EXCHANGE FOR THE STUDENT BRANCHES OF MEXICO SECTION.
- TO CONTINUE INCORPORATING NEW VOLUNTEERS TO THE DIRECTIVE CHAPTERS OF THE MEXICO SECTION.
- TO GO ON WITH THE CLOSEST RELATIONSHIP WITH REGION 9 AND THE IEEE.
- TO ENCOURAGE THE SECTION MEMBERSHIP TO PARTICIPATE IN THE EVENTS OF THE MEXICO SECTION, OF THE REGION AND OF THE IEEE.
- TO OPTIMIZE THE MEMBERSHIP SERVICES, ACCORDING TO THE IEEE STATE-OF-THE-ART.

MEMBERSHIP:

- TO CONTINUE PROMOTING, AT THE FORUMS, THE VALUE OF BELONGING TO THE IEEE.
- TO OPTIMIZE STRATEGIES TO RECOVER THE "ARRIERS".
- TO CONTINUE WITH INSTITUTIONS AND ENTERPRISES VISITS FOR PROMOTING THE IEEE.
- TO CONTINUE GRANTING THE MEMBERSHIP TO THE PARTICIPANTS IN COURSES AND THE EVENTS OF THE IEEE MEXICO SECTION.
- TO BROADCAST THE DIFFERENT OPTIONS FOR INSCRIBING TO THE IEEE.
- TO CONTINUE PROMOTING THE PROFESSIONAL MEMBERSHIP TO SUPERIOR CATEGORIES.

TECHNICAL ACTIVITIES:

- TO CARRY OUT THE POWER AND INDUSTRUSTRIAL APPLICATIONS SUMMER MEETING, ON ITS 23RD EDITION.
- TO CARRY OUT THE COMMUNICATIONS, COMPUTING AND ELECTRONICS FALL MEETING, ON ITS 21ST EDITION.
- TO CARRY OUT THE MEXICO SECTION IEEE MEETING OF BRANCHES.
- TO SUPPORT THE STUDENT BRANCHES OF MEXICO SECTION FOR THEIR PARTICIPATION IN THE NATIONAL MEETING OF BRANCHES, RNR'2010; & REGIONAL MEETING OF BRANCHES 2010, RRR – RRGOLD'2010.
- TO SUPPORT THE STUDENT BRANCHES OF MEXICO SECTION FOR THEIR PARTICIPATION INTO THE INTER-UNIVERSITY CONGRESS OF ELECTRONIC, COMPUTING AND ELECTRIC, CIECE'2010.





18 / 18

CONTINUOUS EDUCATION

- TO CONTINUE WITH THE EXTENSION OF TUTORIAL COURSES TO ALL THE CHAPTERS OF THE MEXICO SECTION.
- TO CONSOLIDATE THE AGREEMENTS OF CONTINUOUS EDUCATION WITH SOCIETIES AND INSTITUTIONS RELATED WITH THE IEEE MEXICO SECTION.
- TO GIVE 20 TUTORIAL COURSES.

STUDENT ACTIVITIES

- TO INCREASE THE PUBLICATIONS OF THE IEEE LIBRARY FOR THE STUDENT BRANCHES.
- TO REACTIVATE THE STUDENT BRANCHES WITH LOW ACTIVITY.
- TO CONSOLIDATE THE EXISTING ACTIVE BRANCHES.
- TO CONTINUE BROADCASTING THE IEEE IN THE INSTITUTIONS OF SUPERIOR STUDIES AND INVESTIGATION.
- TO KEEP UPDATED THE DIRECTORIES OF THE SECTION BRANCHES, INVARIABLY.

2010 CHALLENGES

- ATTEMPT TO INCREASE THE MEMBERSHIP 30%.
- ATTEMPT TO INCORPORATE 12 SUBSTATIONS OF IEEE.
- ATTEMPT TO INCORPORATE 15 NEW STUDENT BRANCHES TO IEEE.