



## INTRODUCTION AND AIMS

The growing demand for electric energy in the Latin-American countries requires a greater quality of service and efficiency in the area of techno-economic operation. This brings the constant need for improvement in the growth planning and the levels of the operation of the electric energy systems. The economic and technical aspects must be taken into consideration, as well as the environmental impact of implantation of new power plants and the need to introduce new technologies, control systems and safety measures.

Gradually a process of integration among the Latin-American countries has emerged, as the electric energy needs are similar, including the generation facilities, for these countries.

Considering the above mentioned points, UNMDP - National University of Mar del Plata (Argentina), UNESP - São Paulo State University (Brazil) and Valparaiso Catholic University (Chile) have joined forces in order to create a forum that permits a valuable exchange of experiences concerning the methodology for the analysis of operation, planning, and the introduction of new technologies that could contribute to the improvement of the electric energy generation and transmission systems. This has become a reality with the creation of these Latin-American congresses, which take place in the distinct cities of the Latin-American countries.

The first congress took place on October, 1993 in Viña del Mar, Chile. The second congress took place in November, 1995 in Mar del Plata, Argentina. The third congress took place in November, 1997 in Campos do Jordão, in the state of São Paulo, Brazil. The fourth congress took place in November, 2000 in Viña del Mar, Chile. The Fifth congress took place in November, 2003 in São Pedro City, State of São Paulo, Brazil. The Sixth Congress took place in Mar del Plata City, Argentina, November, 2005. The

Seventh congress took place in Valparaiso City, Chile, October, 2007. The VIII Congress was held in Ubatuba, SP Brazil, October, 2009. The 9th Congress took place in Mar del Plata City, Argentina, November, 2011. The 10th Congress took place in Viña del Mar City, Chile, October 06 to October 09, 2013. The 11<sup>th</sup> Congress took place in São Jose dos Campos City, Brazil, November 08 to November 11, 2015. **The 12th Congress will be in Mar del Plata City, Argentina, November 12th-15th, 2017.**

## PRELIMINARY PROGRAM

- Introduction and discussion of technical papers prepared by professionals and scientific community, accepted by an Editorial Committee.
- Technical Conferences given by guest experts from important national and international businesses, manufacturers and/or suppliers of electrical equipment or power plants.

## ORGANIZERS



Mar del Plata National University. College of Electrical Engineering. Department of Electrical Engineering. ARGENTINA



UNESP - São Paulo State University. College of Engineering of Guaratinguetá. Department of Energy. BRAZIL



Valparaiso Pontifical Catholic University. College of Electrical Engineering. Department of Electrical Engineering. CHILE

## TOPICS OF DISCUSSION

1. Energy Development Planning and Load Forecasting.
2. Generation and Transmission Systems Planning and Operation.
3. Thermoelectric Power Plants.
4. Thermonuclear Power Plants.
5. Hydroelectric Power Plants.
6. Small Power Plants.
7. Renewable and Non-Conventional Sources of Electric Power (Fuel Cell, Solar, Wind, Biomass, etc.).
8. Bioenergy for Electricity Generation.
9. High-Voltage Transmission Systems.
10. Direct Current Transmission Systems.
11. Electrical Systems Interconnections.
12. Electrical Distribution Systems.
13. Substations and Equipments.
14. Maintenance Electrical Power Systems.
15. Control and Safety Measures Systems.
16. Technical and Economic Issues Related to Cogeneration Systems.
17. Tariff Systems.
18. Legislation for the Electric Energy Trade.
19. Computer Models and Programs for Analysis Electrical Systems.
20. Signal Processing and Analysis.
21. Smart Grid Systems Applications.
22. Artificial Intelligence, Fuzzy Logic and Neural Networks.
23. Efficient Use of Energy / Power Quality.
24. Environmental Aspects of Power Plants.
25. Instrumentation and Data Acquisition.
26. Geographic Information Systems and Telemetry.
27. Engineering Education.

## CALL FOR PAPERS

Papers dealing with any topic included in the preceding list are currently being invited for this Congress. **An abstract of until 500 words** giving a clear picture of the subject covered, and highlighting the major contributions must be submitted to the Organizing Committee.

The abstracts must be written in an A4-page format, with the following heading:

- Title
- Topic of Discussion
- Name of Author or Authors
- Institution Affiliation
- Full Address for Correspondence  
(including fax/phone numbers and E-mail)

It is suggested to download template word file from [www3.fi.mdp.edu.ar/clagtee](http://www3.fi.mdp.edu.ar/clagtee) and to send the abstract at: [clagtee2017abstract@gmail.com](mailto:clagtee2017abstract@gmail.com)

## DEADLINES

- Abstracts due: 05/01/2017 (NEW)
- Notification of Acceptance: 05/29/2017
- Full Paper due: 07/14/2017
- Notification of Final Acceptance: 08/21/2017

## INSCRIPTIONS

Publication fee US\$ 50.00 (deadline 10/01/2017)

Discount until 10/01/2017:

Assistant (author)	US\$ 180.00
Assistant (no author)	US\$ 220.00
Assistant (degree student)	US\$ 70.00

After 10/01/2017:

Assistant (author)	US\$ 220.00
Assistant (no author)	US\$ 260.00
Assistant (degree student)	US\$ 90.00

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