engineering proceedings

MDPI

Editorial

Preface: XXXII Conference on Electrical and Electronic Engineering †

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† The proceeding papers of this volume are presented at the XXXII Conference on Electrical and Electronic Engineering, Quito, Ecuador, 13–15 November 2024.

1. Introduction

1.1. Conference Introduction

The XXXII Electrical and Electronic Engineering Conference (XXXII JIEE-2024) is an annual event organized by the Faculty of Electrical and Electronic Engineering at the Escuela Politécnica Nacional, Quito, Ecuador. This conference brings together students, professors, researchers, and professionals with the aim of disseminating their graduation projects, curricular integration initiatives, research project advancements, and engagement activities, as well as presenting academic papers.

The JIEE serves as an opportunity to promote the exchange of knowledge and experiences in various fields of expertise, establish professional connections, stay updated on the latest technologies, and acquire skills to tackle the challenges presented by the industry.

The XXXII JIEE-2024 aimed to contribute to the sustainable development of the Ecuadorian energy, telecommunications, and production sectors, including the electricity sector in its generation, transmission, and distribution stages; control, automation, and security of essential infrastructure in the country's production. In this sense, the XXXII JIEE-2024 provided the space to disseminate national and international research and development aimed at guaranteeing the future availability of energy and telecommunications services, improving the production chain in the country, while promoting a lower impact on the environment.

1.2. Organizers

- Faculty of Electrical and Electronic Engineering at the Escuela Politécnica Nacional;
- Ecuadorian Committee of the Regional Energy Integration Commission (ECUACIER).

1.3. Scopes and Topics

- Power and energy;
- Communications;
- Electronic circuits, systems, and devices;
- Artificial intelligence;
- Local and wide area networks;
- Mobile and web applications;
- Internet of things;
- Robotics and automation systems;
- Security and privacy;
- Systems and control;
- Engineering education.

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1.4. Program and Schedule

The details can be found at https://jiee.epn.edu.ec/en/program/schedule (accessed on 10 December 2024).

2. Committee Members

Walter Vargas, Escuela Politécnica Nacional, Ecuador;
Jackeline Abad, Escuela Politécnica Nacional, Ecuador;
Christian Tipantuña, Escuela Politécnica Nacional, Ecuador;
Pablo Proaño, Escuela Politécnica Nacional, Ecuador;
Jaime Cepeda, Escuela Politécnica Nacional, Ecuador.

3. Keynote Speakers

Rafael Segundo, University of Zurich, Switzerland;
Juan Vásquez, University of Luxembourg, Luxembourg;
Vicente Mut, National University of San Juan, Argentina.

4. Sponsors

Ecuadorian Committee of the Regional Energy Integration Commission (ECUACIER).

5. Statement of Peer Review

In submitting the conference proceedings to *Engineering Proceedings*, the volume editors of the proceedings certify to the publisher that all papers published in this volume have been subjected to peer review administered by the volume editors. Reviews were conducted by expert referees to the professional and scientific standards expected of a proceedings journal.

- Type of peer review: single-blind;
- Conference submission management system: Susy MDPI;
- Number of submissions received: 53;
- Number of submissions sent for review: 47;
- Number of submissions accepted: 33;
- Acceptance rate (number of submissions accepted/number of submissions received): 62.3%;
- Average number of reviews per paper: 1.38;
- Total number of reviewers involved: 65.

6. Peer Review Criteria and Process

The review process was conducted in a single-blind manner, with the entire procedure administered through the MDPI Submission System. Evaluations were performed by reviewers from various universities and countries. Based on their feedback, revisions were made to each article, encompassing thorough examinations of the structure, content, and writing.

Conflicts of Interest: The authors declare no conflicts of interest.

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