4th International Conference on Technology and Electrical Engineering (CITIE 2021)

Preface

The curricular project of Technology in Electricity and Electrical Engineering by cycles of the Universidad Distrital Francisco José de Caldas (Colombia) celebrates every two years its international conference. Unlike previous editions, during 2021 the Universidad Distrital has its facilities closed, and with restricted access, as a preventive measure to avoid the spread of the SARS-CoV-2 virus. Probably in two years, for CITIE 2023, the conference will return to its usual physical space in Aduanilla de Paiba, our flagship library. However, for this fourth version of CITIE, we opted for a distance event, organized entirely by videoconference, an experiment that, although not a feature mastered by our community, was a success.

The fourth International Conference on Technology and Electrical Engineering (CITIE 2021) was held on November 11-12, 2021. This event was attended by researchers from the electrical area with papers mainly focused on electronic instrumentation, control, power systems, and electromagnetic compatibility. From the talks and presentations, it was evident that our research community remains active and produces cutting-edge research despite the conditions of restriction and social unrest typical of our political and socio-economic circumstances, strongly affected by the COVID-19 pandemic.

A total of 11 papers were submitted to CITIE 2021, of which 10 were approved by the jurors (conference committee members and international reviewers) in a double-blind evaluation process. The conference was held entirely online over two days, which included the test session, three 50-minute keynote speeches, and three author presentation sessions. The research papers were separated into three thematic sessions, Instrumentation and Control, Power Systems, and Electronic Compatibility. These papers were each given 20 minutes of presentation time, including five minutes for questions. The entire conference was broadcast live on the event’s YouTube channel, registering an average of 600 daily visits.

I would like to take this opportunity to acknowledge the hard work of the entire CITIE 2021 committee. Their advice and support were fundamental to preparing for the conference. I would also like to thank the students of the Electrical Technology program who supported the videoconference platform and the live transmission. Likewise, a special thanks to the speakers and authors for...
considering CITIE 2021 as a means of dissemination of their researchers, and to the invited researchers, whose talks and discussions allowed to leave on the carpet countless ideas for further discussion and development of impact research.

The three previous versions of CITIE allowed the development of activities such as business shows, workshops, and a degree of interaction that was not achieved in CITIE 2021. The face-to-face conferences allow a level of direct communication with authors and researchers that is difficult to replicate on a distance platform. Even so, CITIE continues to maintain its spirit of dissemination of research and innovation, as well as its function of identifying and promoting areas of research in the field of electrical energy. We are confident that this version of the event has provided a great experience for all attendees, increased interest in the research fields discussed, as well as renewed expectations for the CITIE 2023 meeting.

Best regards,

Prof. Fredy Martínez, Ph.D

CITIE 2021

Universidad Distrital Francisco José de Caldas

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