Preface

2020 The 3rd International Conference on Electrical Engineering and Green Energy (CEEGE 2020) was held online from June 27 to June 29, 2020. This is an exciting time for the fields of Electrical Engineering and Green Energy. Due to spreading of COVID-19, this year the conference was held in a full web-streaming framework. A customized "CEEGE web platform" created as a virtual environment where the attendees could present the papers and could participate in all the sessions as well as all the activities that were organized in a full immersive experience. All sessions, oral and poster, discussions and other activities were offered in a streaming online. This is a great challenge in staying together in all unpredicted circumstances to have a better world tomorrow!

It was a significant international conference, with participants were from more than ten countries including Egypt, Thailand, China, Indonesia, Norway, Taiwan, Denmark, Japan, Russia, and Bulgaria. Our endeavor was to provide a stimulating and thought provoking scientific program. This format included a substantial allocation of time for interactive debates and questions from the audience to each panel of experts. Participants were encouraged to take an active role in the discussions with other researchers, which follow each debate, in a unique and open environment.

Most updated outcomes and progress in Electrical Engineering and Green Energy, new solutions for renewable energy and environment protections, trends and challenges in energy management and control, advances in smart grids and microgrids were some main key features of the CEEGE 2020. As the conference chair, On behalf of the GEEGE 2020 conference committees, I wish to express my sincere gratitude to the plenary speakers, authors, participants, reviewers, program and technical committee members, and organizing members; who have contributed in organization of the conference and publication of the present proceedings. With such high standard and high-quality submissions and presentations.

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June 27-29, 2020