

## Preface

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**Abstract.** International Conference on Electronics, Engineering Physics and Earth Science (EEPES 2024), 19 - 21 June, 2024, Kavala, Greece.

The third edition of the International Conference on Electronics, Engineering Physics and Earth Science (EEPES 2024) was held in Great Club of Kavala, Greece from 19 to 21 June, 2024.

The EEPES 2024 Conference is the premier international venue focused on understanding the current state and the evolution of the science through the lens of engineering physics, electronics devices and microelectronics, telecommunications, optical and electromagnetic communication, artificial Intelligence and soft computing, environmental physics and renewable energy and many other disciplines. It is a place where researchers, academics, people in industry, students and the alike to present and discuss progress in research, development, standards, and applications related to the applied and engineering physics.

The technical program of this year's edition of the conference consists of two distinguished keynotes by world renowned experts with their plenary lectures as follows:

- Prof. Dr. Nikolaos Papanikolaou, Democritus University of Thrace, Greece, the title of the lecture "More electric transportations: The key for sustainable growth";
- Prof. Dr. Prof. Dr. Rositsa Velichkova, Technical University of Sofia, Bulgaria, the title of the lecture "Utilization of kinetic energy of water for energy supply".

The participants had the opportunity to listen interesting plenary lectures from respected university professors and academic speakers on visionary topics but also from our sponsors Egnatia Aviation, Greece, and Sunlight Group Industrial Complex, Greece had done distinguished technical presentations.

The technical program of the conference consists of one plenary session, one technical session, and six in person and eight online tracks for research papers. The authors of the accepted papers, who are unable to attend the conference in person, were given the option to present their papers online and attend an interactive virtual conference. Online presentations were held in a virtual room environment via Zoom Meeting platform for the opening ceremony, all conference sessions, and meetings.

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Finally, we are thankful to Egnatia Aviation, Greece, Sunlight Group Industrial Complex, Greece, Municipality of Kavala, Greece and Eastern Macedonia and Thrace Region, Greece that becoming an official sponsor of the EEPES 2024 and all above mentioned partners for good cooperation and also for the technical and financial support. Thanks to Institutional partners University of Ruse “Angel Kanchev” and University of Telecommunications and Post, Sofia, both from Bulgaria and Democritus University of Thrace, Kavala, Greece, TPC members, conference chairs, and reviewers for their wonderful efforts in making a successful and rigorous technical program. Without them, this event would have never happened.