

Preface

From 15th to 17th September 2023, 2023 International Conference on Clean Energy and Low Carbon Technologies (CELCT 2023) was held in Wuhan, China. The Conference was attended by about 100 researchers, scientists, engineers, and students working in the fields of clean energy and low carbon technologies.

The general objectives of CELCT 2023 were:

To create a forum for sharing, communication and research at the international level, so that participants can be informed of the latest research directions, contents and results of clean energy and low carbon technologies.

To provide approaches to the main problems facing clean energy and low carbon technologies, creating spaces that encourage discussion and joint development of research, technology development, and innovation.

Various excellent papers were approved, after revision, for presentation in the Conference Proceedings and publication in E3S Web of Conferences. The Conference was organized with many speeches about different research areas, various oral and poster presentations, as well as an academic investigation. There was an enabling environment in the Conference for discussion and exchange of ideas, and heated discussion took place during the entire Conference.

Both conference and presentation sessions were attended by many conference attendees, allowing closer relationships, both academic, as well as scientific and personal. The Conference was sponsored by major universities and academic institutions related to clean energy and low-carbon technologies.

CELCT 2023 was actually a space for integration of undisputed knowledge and sharing of peer experiences within the specific areas of clean energy and low-carbon technologies. The cordiality and good treatment of the attendees promoted a climate of friendship, which we could enjoy during all the development of the conference agenda.

We would like to extend an enthusiastic round of thanks to all our conference authors and speakers for their excellent contributions. We are indebted to the Technical Program Committee for their efforts in making and pushing the conference program. Special acknowledgement to the editors and other members of E3S Web of Conferences for their patience and endeavor while waiting for the final versions of the manuscripts.

The Committee of CELCT 2023

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