



EDITORIAL

RELIEVE 2023

The present 114th edition of the Revista Facultad de Ingeniería, Universidad de Antioquia (REDIN) is dedicated to disseminating the best works presented at the International Conference on Energy and Vehicles, organized by the Latin American Network for the Research in Energy and Vehicles (RELIEVE [1]) in Lima, Peru, the past July of 2023.

RELIEVE is a non-profit organization that seeks to generate and strengthen the capacities of its Latin American nodes, enabling them to serve as technical support to government entities and private companies in topics related to energy, the environment (air), vehicles, transport, and smart mobility.

To achieve this objective, RELIEVE develops joint research projects, disseminates scientific knowledge, provides specialized training courses and supports academic exchange programs.

Currently, more than 70 experts from 19 universities and 4 companies from 7 Latin American countries actively participate in RELIEVE.

To fulfill its objectives, the Network organizes an annual international conference on energy and vehicles, where leading researchers from Latin America share their most recent findings. In this opportunity, the ninth version of this conference was hosted by the Pontificia Universidad Católica del Perú (PUCP) in Lima, Perú. We welcomed more than 150 participants from 4 public entities, 2 NGOs, 8 private companies, and 11 universities.

Summaries of the 36 works presented at this conference

were edited by the Departamento Académico de Ingeniería at PUCP and are available to the public in digital format [2] and held by the National Library of Perú.

Out of the 36 works presented in the conference, the best 11 works were selected to be included in these RELIEVE 2023 conference proceedings as full research papers in the REDIN journal, with Dr. Mariela Cerrada from Universidad Politécnica Salesiana (UPS), Cuenca, Ecuador as guest editor, and the following scientific committee who ensured the quality of the works being published.

References

- [1] (2023) Red latinoamericana de investigadores en energía y vehículos (relieve). Tecnológico de Monterrey and Pontificia Universidad Católica del Perú. Accessed Nov. 6, 2024. [Online]. Available: <https://redrelieve.com/>
- [2] *Memorias del Congreso RELIEVE 2023*, Tecnológico de Monterrey and Pontificia Universidad Católica del Perú, Lima, PE. [Online]. Available: <https://drive.google.com/file/d/1B3lkHSmA8R-6lXgif-0oB8SMYjkn1tZt/view>

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