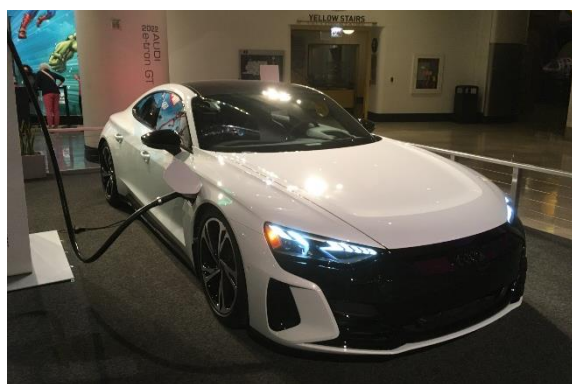


2022 IEEE Transportation Electrification Conference and Expo, Asia-Pacific



TEC 2022 Asia-Pacific

2022 IEEE Transportation Electrification Conference and Expo, Asia-Pacific

ZHEJIANG UNIVERSITY
INTERNATIONAL CAMPUS

OCTOBER 28-31, 2022

HAINING, ZHEJIANG PROVINCE, CHINA

SPONSORS



Technical co-sponsor:



About Haining:

Haining is a city of 1 million people, located in northeast Zhejiang Province, in the Hangzhou Bay region of the Yangtze River Delta. It is about 120 km southwest of Shanghai and 60 km east of Hangzhou, convenient to several international airports and connected to high-speed rail. A new subway line connects to Hangzhou. Haining is famous for the Qiantang River tidal bore, leather shadow puppets, and early silk fabric. Today, it is a major producer of leather, textiles, solar panels, and automotive parts.

Committees

General Chair: Philip T. Krein

General Co-Chairs: Jinjun Liu, Hao Ma, Xiaoyan Huang

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International Committee Chairs:

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Technical Program Committee Chairs:

Wuhua Li, Xiaoyan Huang, K. T. Chau

Industry Relations Chairs: Xingyi Xu, Saijun Mao

Organizing Committee:

Chushan Li (chair), Haoze Luo, Huan Yang, Lin Qiu,

Taiying Zheng, Xin Xiang, Yanxin Li, Yongheng Yang

Announcement

Due to the COVID-19 pandemic, ITEC-AP 2022 Organizing Committee is preparing to hold the conference in a hybrid format (combined on-line and on-site). Resources about travel requirements and other information will be updated on the conference website.

Call for Papers

The 2022 IEEE Transportation Electrification Conference and Expo, Asia-Pacific (ITEC Asia-Pacific 2022) will be hosted by Zhejiang University and held in Haining, China during Oct 28-31, 2022. ITEC Asia-Pacific is part of the global IEEE ITEC conference series. It aims to provide a forum for sharing knowledge, experience, and ideas in electrical technologies for transportation. Technical sessions, tutorials, exhibitors, and industry activities are planned. This international conference is co-sponsored by the IEEE Industry Applications Society, the IEEE Power Electronics Society, the IEEE Power and Energy Society, and the IEEE Transportation Electrification Community. Technical papers accepted and presented at the conference will appear on IEEExplore. Accepted and presented papers are eligible for further review for the *IEEE Transactions on Industry Applications* and other IEEE journals, subject to conference paper submission rules of each journal.

Conference Topics

- Power electronics and motor drives
- Electric machines and actuators
- Powertrain: design, thermal management, packaging, and optimization
- Batteries, fuel cells, and energy storage systems
- Modeling, simulation, control, and prototyping for transportation electrification
- Electric vehicle system architectures and control
- Electrification of heavy-duty and off-road vehicles
- Charging infrastructure, vehicle-grid interaction
- Charging load forecasting and coordination strategies
- Wired and wireless charging technologies
- Electrical systems and components for rail, sea, undersea, air, and space vehicles
- Functional safety, smart mobility, autonomy
- Standards and policies for transportation electrification
- Other topics and applications on transportation electrification

Digest Submission Guidelines

Prospective authors are invited to submit a digest in PDF format, following IEEE layout requirements in templates at <https://www.itec-ap2022.com>. The digest should not exceed **four pages including references**. The digest should explain the problem to be addressed in the paper, key results, and how the contribution differs from close existing literature. Papers presented at ITEC-AP must be original material, not previously presented or published. If the digest is accepted, authors must submit a final manuscript prior to the deadline below. Late submissions cannot be published in the Proceedings or presented at the conference. The final manuscript can be up to eight pages long, following IEEE two-column final paper format. Overlength submissions may be subject to additional charges. At least one of the authors listed on each paper must be registered for the conference. Each registration can support a single paper, and multiple submissions from the same author will incur additional charges.

Calls for Industry Sessions, Focused Sessions, Tutorials, and Exhibitor Seminars will be posted at <https://www.itec-ap2022.com>.

Important Dates

Digest Submission Site Opens

April 1, 2022

Digest Submission Deadline

June 15, 2022

Notification of Acceptance

July 31, 2022

Final Manuscript Submission Deadline

September 15, 2022

Early Bird Registration Ends

September 30, 2022

Conference Begins

October 28, 2022



Registration and Travelling

Persons intending to present a paper or wishing to participate in the conference are asked to register online with full payment of registration fee in RMB or USD. Registration and travel information will be available soon at <https://www.itec-ap2022.com>.

Contact

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<https://www.itec-ap2022.com>