

21st IEEE Vehicle Power and Propulsion Conference (VPPC)

October 7-10, 2024 | Washington DC, USA

Call for Papers and Proposals

The 21st annual IEEE Vehicle Power and Propulsion Conference 2024 (IEEE VPPC 2024) will be held jointly with the 100th edition of the IEEE Vehicular Technology Conference (VTC2024-Fall) in Washington DC, USA. The conference will bring together engineers, researchers, and other professionals for interactive and multidisciplinary discussions on electrified vehicle power, propulsion, and related technologies. It will include keynote speakers, technical sessions, tutorial sessions, poster sessions, special sessions, and exhibitions.

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IMPORTANT DATES

Paper Submission Due: April 22, 2024

Acceptance Notification: July 8, 2024

Final Paper Due: August 5, 2024

Conference Dates: October 7-10, 2024

Regular papers: Prospective authors are invited to submit original full papers pertaining to the scope of the conference, including, but not limited to, the following topics:

- ▶ Modeling, analysis, and simulation of electric, hybrid, plug-in, and fuel-cell vehicles
- ▶ Energy storage and generation: batteries, fuel cells, supercapacitors, flywheels, solar and others
- ▶ Diagnosis, prognosis, battery and energy management
- ▶ Power electronics, energy conversion, electric machines and drives
- ▶ Charging systems, smart grid, V2X, fast charging, and wireless charging
- ▶ Vehicular electronics, connected and automated vehicles; intelligent transportation systems
- ▶ System engineering, testing, and life cycle analysis
- ▶ Applications to land vehicles (e.g., cars, trucks, railway, robotics), as well as sea, air and space vehicles

Presented papers will be included in the conference proceeding and stored in the database of **IEEE Xplore**.

Post-conference journal publication: as in previous VPPC editions, the Organizing and VPP Committees are planning to propose a Special Section in the *IEEE Transactions on Vehicular Technology* (Impact factor 6.8). All papers presented at the VPPC 2024 will be eligible to submit an extended version to this future special section.

Call for Special Sessions: the VPPC 2024 Organizing Committee invites proposal submission for special sessions. These special events provide invaluable opportunities for researchers and industry practitioners to share their state-of-the-art research and development results in areas of particular interest. The submission deadline for special session proposals is **March 29, 2024**.

Recent results Track: As an adjunct to the conference main tracks, the Technical Program Committee is opening a Recent results Track that will offer the opportunity for rapid publication of emerging work by industry and academia.

For additional information and paper/proposal submission, please visit:

<https://events.vtsociety.org/vppc2024/>