**22nd IEEE International Conference on Industrial Informatics (INDIN), August 17-20, 2024, Beijing, BJ, China**

**Special Session on**

**“Intelligent New Energy Vehicle Technology”**

# Organized by

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# Call for Papers

Theme: (100 words)

The intelligent new energy vehicles integrate various transformative technologies such as artificial intelligence, autonomous driving, next-generation communication and information technology, big data technology, innovative chassis design, and air and land vehicles. This provides new opportunities for energy saving and control in intelligent new energy vehicles, especially in areas such as energy management and dynamics control where there is still tremendous room for exploration. This special topic aims to gather new technologies, methods, and functionalities related to intelligent new energy vehicles for exchange and discussion. The upcoming special topic session will serve as a platform for exchanging cutting-edge technologies and research achievements, covering topics including but not limited to:

A list of 5-10 special areas

* New configuration of distributed electric vehicles and its design method
* Wired-Control Chassis Configuration Design and Cooperative Control Technology
* Powertrain design and advanced control technology
* Autonomous vehicle design and control technology
* Energy management and control technology of intelligent new energy vehicles
* Dynamics and control technology of intelligent new energy vehicles
* Design technology of software-defined vehicles
* Air and land vehicle design and control technology
* Other optimization and control technologies and methods on intelligent new energy vehicles

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