**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

Principal Organizer(s): Peng Dong （peng.dong@buaa.edu.cn）

Affiliation: Beihang University

Organizer 1: Yang Tian （yang.tian@ysu.edu.cn）

Affiliation: Yanshan University

Organizer 2: Junwei Zhao （buaazjw@buaa.edu.cn）

Affiliation: Beihang University

# 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

# Potential Contributing Authors (names and emails):

 10-20 Names with email and affiliation address

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Junqing Li | Beihang University | lijunqing@buaa.edu.cn |
| 2 | Kun Yao | Beihang University | studentyker@163.com |
| 3 | Xiaoqing Fu | Beihang University | zy2213104@buaa. edu.cn |
| 4 | Kaifeng Li | Beihang University | likaifeng0908@163.com |
| 5 | Xiangyu Wang | Tsinghua University | wangxy\_15@tsinghua.edu.cn |
| 6 | Zheng Zhu | Tsinghua University | zhuz19@mails.tsinghua.edu.cn |
| 7 | Chao Yang | Beijing Institute of Technology | cyang@bit.edu.cn |
| 8 | Shida Nie | Beijing Institute of Technology |  nieshida@bit.edu.cn |
| 9 | Jinglai Wu | Huazhong University of Science and Technology | jinglai\_wu@hust.edu.cn |
| 10 | Shilei Zhou | The University of Warwick | shilei.Zhou@warwick.ac.uk |
| 11 | Xiangjun Xia | University of Wollongong | xx661@uowmail.edu.au |
| 12 | Yahui Zhang | Yanshan University | zhangyahui@ysu.edu.cn |
| 13 | Bingxin Ma | Yanshan Univesity | bingxinma1710116@126.com |
| 14 | Xianyi Xie | Yanshan University | xiexianyi@ysu.edu.cn |

# Potential Reviewers (names and emails):

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Hongwen He | Beijing Institute of Technology | hwhebit@bit.edu.cn |
| 2 | Weida Wang | Beijing Institute of Technology | wangwd0430@163.com; wangwd0430@bit.edu.cn |
| 3 | Jianwei Li | Beijing Institute of Technology | lijianw@bit.edu.cn |
| 4 | Junqiang Xi | Beijing Institute of Technology | xijunqiang@bit.edu.cn |
| 5 | Hui Liu | Beijing Institute of Technology | lh@bit.edu.cn |
| 6 | Shengbo Li | Tsinghua University | lishbo@tsinghua.edu.cn |
| 7 | Jianqiang Wang | Tsinghua University | wjqlws@tsinghua.edu.cn |
| 8 | Jin Huang | Tsinghua University | huangjin@tsinghua.edu.cn |
| 9 | Nan Xu | Jilin University | nanxu@jlu.edu.cn; autojlu@163.com |
| 10 | Xiaohua Zeng | Jilin University | zengxh@jlu.edu.cn |
| 11 | Xiaolin Tang | Chongqing University | tangxiaolin6@126.com |
| 12 | Xiaosong Hu | Chongqing University | xiaosonghu@ieee.org |
| 13 | Yalian Yang | Chongqing University | yyl@cqu.edu.cn |
| 14 | Xuan Zhao | Chang’an University | zhaoxuan@chd.edu.cn |
| 15 | Yongtao Liu | Chang’an University | liuyongtao86@163.com |
| 16 | Yisong Chen | Chang’an University | chenyisong\_1988@163.com |

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