



6th IEEE International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFet 2026)

08th July – 11th July, 2026, Nagpur, Maharashtra, INDIA



Call for papers for the Special Session on Thermal Management of Batteries for Automotive and Energy Storage Systems (SS18)

as part of

6th IEEE International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFeT 2026)

8 – 11 July, 2026, Nagpur, India

Papers based on original, unpublished work are invited from researchers, practitioners, and professionals. Topics of interest for the special session include (but not limited to):

- Battery Thermal Management by Single Phase Heat Transfer
- Battery Thermal Management by Two Phase Heat Transfer
- Active and Passive Strategies of Battery Thermal Management
- Thermal Management of Batteries in Extreme Hot and Cold Climate
- Thermal Management for Large Battery Systems
- Thermal Runaway in Batteries
- Optimum Configurations for Efficient Thermal Management
- Fire Management in Large Battery Systems
- Low-cost Thermal Management Systems for Light Duty Vehicles
- Development of Digital Twins for Battery Thermal Management Systems
- Early Warning Systems for Overheating and Thermal Runaway

All presented papers will be considered for further review and publication in IEEE Transactions on Industry Applications

For length and format of papers, please refer to:

Last date for submission of papers: 31 January 2025

Paper Submission Link:

Session Organizers:

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