



# 6<sup>th</sup> IEEE International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFet 2026)

08<sup>th</sup> July – 11<sup>th</sup> 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

## 6<sup>th</sup> 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Papers based on original, unpublished work are invited from researchers, practitioners, and professionals.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:**

**Achintya Mukhopadhyay, Jadavpur University**

([achintya.mukhopadhyay@jadavpuruniversity.in](mailto:achintya.mukhopadhyay@jadavpuruniversity.in)) ; **Sourav Sarkar, Jadavpur University**

([souravsarkar.mech@jadavpuruniversity.in](mailto:souravsarkar.mech@jadavpuruniversity.in))