

CVCI 2023 Special Session

Smart & Sustainable Enabling Technologies
for eMobility (Session code: FUM9aA)



CALL FOR PAPERS

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Important Date

01 July 2023

Paper submission deadline

01 August 2023

Notification of acceptance

01 September 2023

Camera-ready papers due

27-29 October 2023

Conference dates

Scope

Electric mobility (eMobility) systems including plug-in hybrid, fuel cell, and battery electric vehicles of various scales have become a crucial element in the transition towards a sustainable future. The growth in the adoption of electric vehicles has been remarkable, and it is expected to continue in the coming years. However, the development of electric vehicles also brings several technical challenges that must be addressed. The need for efficient and reliable enabling technologies has become more important than ever to ensure the safety, comfort, and energy efficiency of electric vehicles.

In this context, we invite researchers and industry practitioners to submit their original research papers on the topics related to smart and sustainable enabling technologies for eMobility. The goal of this call for papers is to bring together the latest advances in the field of electric mobility, focusing on the development of innovative and sustainable technologies that can make electric vehicles more efficient, reliable, and accessible.

Topics include but are not limited to:

- » Automatic and adaptive control for eMobility
- » Driver-vehicle shared control for eMobility
- » Calibration and optimization of powertrains and components for eMobility
- » Driving scenario recognition and reconstruction for eMobility
- » Energy consumption modelling and prediction for eMobility
- » Driving behaviour modelling for eMobility
- » Data-driven enabling technologies for eMobility

Submission Guidance

Authors are invited to submit original, unpublished research papers that are not currently under review elsewhere. Papers should be formatted according to the conference template and should not exceed six pages in length, including references. Submissions should be made through the conference submission system.

