AUTOMOTIVE Modena, Italy July 17-19, 2023

SCAPE
POWERING E-MOBILITY

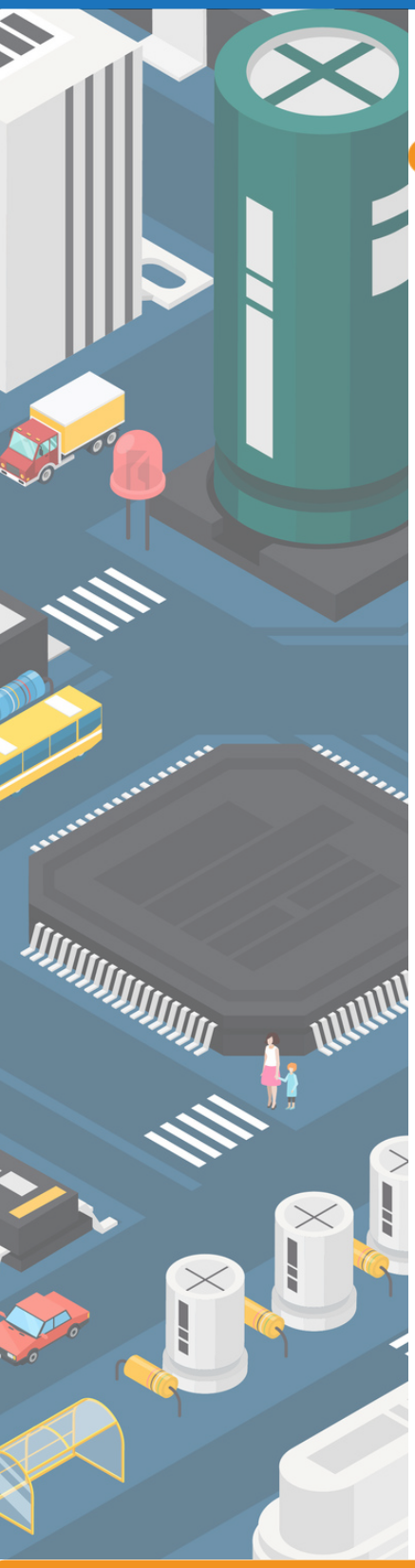
Funded by the European Union

Modular and Scalable EV Power Converter Design

Unlocking a future of reliable, lightweight, and affordable EVs?

19 JULY 2023 | **15:00 - 18:00**

Aula Magna - Tecnopolo
"Enzo Ferrari" Department of Engineering
University of Modena Reggio Emilia



Join the Power Converter Design Revolution @AEIT AUTOMOTIVE 2023!

In person event

WORKSHOP

Explore, through the SCAPE project, the benefits of modular and scalable power-converter design for EVs.
Learn about the state-of-the-art of chip-embedding technology, enabler of remarkably compact, highly-integrated power-converter layouts.
Join our knowledge-brokering workshop discussing the impacts of SCAPE's power-converter design revolution on the semiconductor industry and next-gen EV market trends.

Agenda

15:00 - 15:15	**Introduction and Welcome** (*Davide Barater, UNIMORE*)
15.15 - 15.30	**Presentation of the SCAPE Project** (*Muhammad Attique, IREC*)
Session 1	
15:30 - 16:00	**SCAPE's Modular and Scalable Power-Converter Design Approach** *(Sergio Busquets Monge, UPC & Sebastian Rosado, AVL)*
16:00 - 16:30	**COFFEE BREAK**
16:30 - 17:00	**The Interest of a Modular and Scalable Power-Converter Design Methodology for the EV and Power Electronics Industries** *Guided open discussion (Moderator: Davide Barater, UNIMORE/Sergio Busquets Monge, UPC)*
Session 2	
17:00 - 17:30	**An Overview of Chip Embedding Technologies for Power Systems Integration** *(Xavier Jordà, CSIC)*
17:30 - 18:00	**Benefits and Challenges of Chip Embedding in EV Power Conversion** *Guided open discussion (Moderator: Davide Barater, UNIMORE/Xavier Jordà, CSIC)*
	Final Takeaways

Register here

The workshop is organised in the framework of the **EU-funded Horizon Europe SCAPE** project as part of the **AEIT Automotive 2023 Conference**.