

**Innovative
Control
Strategies
in Electric
and Driverless
Vehicles**

Trophy
+
Cheque of 500€

Award Criteria:

This award is addressed to the FSAE teams which are able to demonstrate knowledge and experience in control systems for Autonomous driving and Electric Power management.

What will we evaluate?

The award will be assigned to the team which will design and implement innovative, efficient and reliable technologies for the best optimization of strategies in driverless or electric vehicles.

The automotive technical experts of Teoresi will evaluate in detail the performance of sensors and control algorithms of driverless vehicles as well as battery management and energy harvesting for electric vehicles.

JUDGE:

CLAUDIO D'AVINO
Expert Engineer
Teoresi S.p.A.

www.teoresigroup.com/fsae
ITALY / USA / SWITZERLAND / GERMANY

Elegibility Criteria

Minimum requirements: all the teams registered to compete and comply with FSAE Italy 2018 (Formula EI and Formula Driverless) rules are eligible to the Teoresi special award.

The registration of at least one member of the team is required through www.teoresigroup.com/fsae. He/she will be interviewed about any aspect debated for the assessment of the award.

Suggested requirements: the submission of an abstract describing the work done is a suggested condition for the assignment of the award. It will help us better judge the strategies deployed during tuning activities.

We will evaluate all the teams taking part in the competition to assign the award according to the above-quoted criteria.

Abstract submission guidelines

For **electric** vehicles:

- materials, hardware and software solutions for battery management;
- energy harvesting solutions;
- performance engine optimization.

For **driverless** vehicles:

- characteristics and performance of sensors used;
- control algorithms for obstacles detection and avoidance;
- data integration and data fusion.

Abstract submission deadline: 05/07/2018

Submit your abstract to:

marketing@teoresigroup.com