



Formula Student

una macchina da corsa che in sei mesi
condensa l'esperienza di due anni in azienda

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11 marzo 2014

Formula Student



Non è (solo) una gara sportiva,
ma un'attività a elevato contenuto formativo

Formula Student



What is a Formula Student competition?

It is a car race,

which is not only a car race

Why?

Big event



3000 students 80 teams 20 countries

Team members



Rollout of ET2ev, Palazzo Vitelli, 10 July 2009

About 50 students: Engineering, Economics,
Literature, etc.

The challenge

- World championship between universities
- Single-seater cars
- Students must design and build a new car every year



ET1 – ET2^{ev} – ET3 – ET4 – ET5



ET1



ET2ev



ET3



ET4



ET5

The game of the name: ET₄

Università di Pisa : founded in 1343_

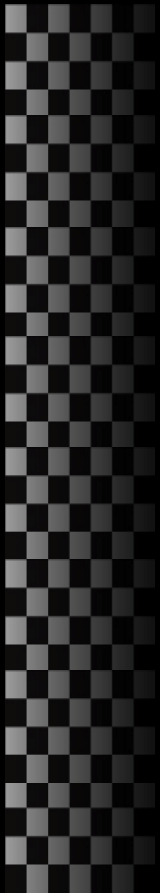


Է Armenian capital letter **ken**_
Unicode character [**U+1343**]

ET₄

— **ET**₄ : the fourth car built
by E-Team Squadra Corse
for a FSAE competition_

ETKEN [Turkish, adjective] : 1. Active
2. Effective
3. Dominant
4. Determinant_





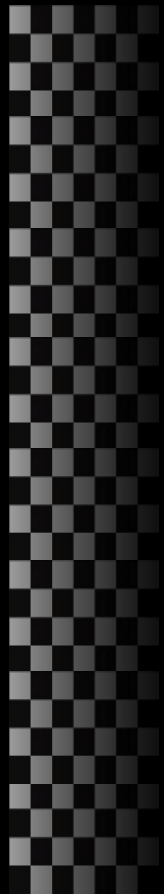
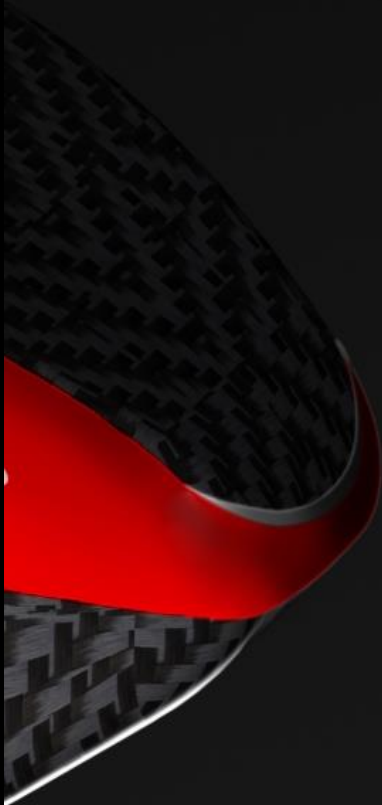
When we consider the vast distance of the known and visible parts
of the world, and the reasons, we have to think that
what lies within our **ken** is but a small part of the universe,
we shall then discover a huge abyss of ignorance.

*John Locke (1632–1704), British philosopher.
from "An Essay Concerning Human Understanding"*

ET 4

[e-ti ken]

Think beyond your ken.



The challenge



IT IS NOT EASY

It is a lot of work (day and night)

It needs technical skills

Communication skills

Good organization, logistics

It is a very rewarding experience



Sponsors

Budget: 20.000 – 200.000 euros/year



Building and Testing

Where?



Team Work and Logistics

Big turnover



Rollout

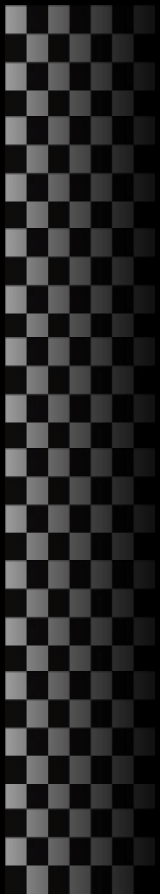
Let the other people know



04 November 2011 17:13

University of Pisa wins Media Award

The team from the university of Pisa have won the FSG 2011 Media Award. The team was awarded for their outstanding 30-second commercial which they made about the 2011 FSG competition. The winning video was chosen based on the quality of the video, the way it captures the spirit of the competition and the choice of music. Apart from the award the team also win an early-registration slot for FSG 2012. The winning video can be seen here:



The Competition

- Technical inspections
 1. The car must comply with very strict rules
 2. Tilt test
 3. Noise below 110 db
 4. Good brakes



The Competition



- Three static events (in English):

1. Design event
2. Cost report (500 pages)
3. Business plan

Very tough judges.

You must justify all your choices



The Competition

- Four dynamic events:

1. acceleration
2. skid pad
3. autocross
4. endurance (video)

Competitors, but
friends as well



Thank you team members

