

# DYNAMIC EVENT RULES



**FORMULA** EAST  
STUDENT  
WHO IS READY?

VERSION 1.0  
RELEASE DATE: 19 JAN 2018

#FSEAST2018 #DYNAMICRULES

## D1. INTRODUCTION

Formula Student East® (hereafter “FS East®”) is a FSAE style Formula Student engineering competition held in Hungary, organised by the Association of Automotive Engineers (formerly Engineers for the Automotive Higher Education Association) since 2016. Formula Student East will allow to participate vehicles with conventional internal combustion engine (gasoline or E85 fuelled) and electric powertrain.

Furthermore Formula Student East welcome the participation of driverless vehicles (both with internal combustion or electric powertrain).

**The three categories will be evaluated separately:**

- Internal Combustion Vehicles (hereafter CV)
- Electric Vehicles (hereafter EV)
- Driverless Vehicles (hereafter DV)

This document contains the FS East Dynamic Events rules.

These specific rules are additions to the Formula Student Rules 2018 document (hereafter “Rules 2018”) published by **Formula Student Germany**. In case of a conflict between the Rules 2018 and the 2018 FS East rules, the 2018 FS East rules supersede the Rules 2018.

All the deadlines for each document submission can be found in the FS East Documentation Rules 2018.

## D2. DYNAMIC EVENTS

**AS DEFINED IN THE RULES 2018 PART D.**

Only those people can enter to the Dynamic Area during the Event, who are wearing long trousers (excluding stretch and nylon pants) and closed shoes on their legs, due to safety reasons.

### D2.1 DYNAMIC EVENTS SCORING

As defined in the Rules 2018 Part D.

### D2.2 SKIDPAD EVENT

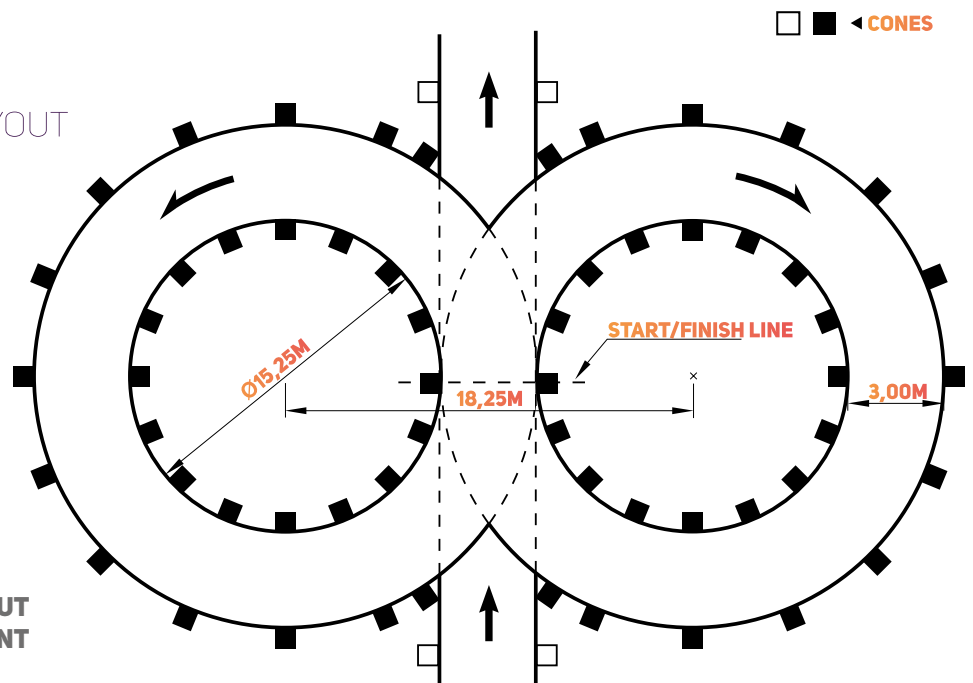
#### D2.2.1 SKIDPAD TRACK LAYOUT

As defined in the Rules 2018 Part D. This means, that the skidpad layout will be the original 8 - shape layout. FS East may organise a wet Skidpad Event, independent from current weather conditions (not for DV).

#### D2.2.2 SKIDPAD PROCEDURE

As defined in the Rules 2018.

**TRACK LAYOUT  
FOR SKIDPAD EVENT**



## D2.3 DRIVERLESS EVENTS

As defined in the Rules 2018.

## D2.4 ADDITIONAL FS EAST-SPECIFIC REMARKS

### D2.4.1 PIT RULES

Pit rules will be detailed in the Event Handbook.

### D2.4.2 SCHEDULE

The schedule for the dynamic events will be published in the Event Handbook.

## D2.5 SPECIAL ADDITION TO THE FS RULES 2018

### D2.5.1 PASSING

The passing rules do not apply to vehicles that are stopped on track or vehicles that have spun out and are not moving. When passing a stationary vehicle, it is critical to slow down, drive cautiously and to follow the instructions from the track marshals.

**NOTE:** Overtaking on any section of the track except passing zones is still not allowed.

**NOTE:** If you notice any problem causing that you have to stop, please leave the ideal line.

### D2.5.2 ENDURANCE WAITING QUEUE

**IMPORTANT:** In order to have equal and fair conditions during the Endurance event at least 3 cars have to be on the track during the whole time of the Endurance event.

Therefore the Organisers will maintain a waiting queue of 3 teams. It is the team's responsibility to arrive in the waiting queue before the deadline -which will be announced for each team in the loudspeakers 15 minutes before the deadline. A delay will be penalised with 2 minutes penalty and the team will be able to start only at the end of the endurance event.

**NOTE:** According to experience of earlier years Formula Student events, it is expected to have sudden need for new teams in the waiting queue in the first section of the endurance event due to early DNFs. Please be prepared to attend the queue on time!

### D2.5.3 ENDURANCE TRACK LENGTH

The full length of the Endurance event will be approximately 22 km.

The Endurance and Autocross track will be laid out with cones. In the straights, the distance between two cones will be 8-10 m in driving direction, and in some straights, the track width will be 6-8 m.

### D2.5.4 DRIVERLESS EVENTS

FS East intends to provide ideal circumstances for DV cars also. As the venue will take place on a circular tarmac area with a diameter of 300 m, FS East can provide huge run-off area for Driverless vehicles.

### D2.5.5 DRIVERLESS CONES

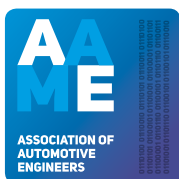
The used cones during the Driverless Events are defined in the "FSG DV Technical specification document 2017", section Track Marking. Difference to that, that the cones will not marked with any additional labels.

All kind of tracks used by DV vehicles will be fenced with fences. Red cones would be put alongside the fences to help the teams to intervene an emergency brake, if necessary.



## CHANGELOG

Version	Date	Modification	Page
1.0.0	19th January 2018	Initial release	-



Részletek vagy az egész dokumentum felhasználása csakis a Járműmérnökök Egyesülete (korábban MJMFE) előzetes írásos engedélyével lehetséges.  
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