

FORMULA
STUDENT EAST

EVENT HANDBOOK

A background image showing several Formula Student cars and teams on a track. The cars are open-wheel racing cars with various sponsor logos. Teams of students are standing around the cars, some wearing team uniforms. The scene is set on a racetrack with grandstands visible in the background.

20 24

FROM 28TH JULY TO 3RD AUGUST 2024

RELEASE

VERSION 1.1

RELEASE DATE: 23TH OF JULY 2024

FURTHER DETAILS AT [FSEAST.EU](https://fseast.eu)

#FSEAST

EMERGENCY INFORMATION



MINOR INJURY

MEDICAL CENTRE

Please accompany the injured person to the medical centre. Emergency aid is provided there. The medical centre is available every day round the clock.



SEVERE INJURY

CONTACT SOMEONE WITH A TWO-WAY RADIO

Most of the officials and security have a two-way radio. Ask them to call the medical centre or an ambulance.

CALL AN AMBULANCE YOURSELF

Call an ambulance yourself if someone is severely injured and requires urgent help. The emergency number for every landline and mobile phone is 112. (Also see information about emergency calls below.)

DURING DYNAMICS

When the dynamic area is open, a special rescue team is on site. To contact them, ask someone with a two-way radio (official, security).



HOSPITAL

MAIN HOSPITAL

Zala Vármegyei Szent Rafael Kórház
Zala County Saint Rafael Hospital
Address: 8900 Zalaegerszeg, Zrínyi Miklós street 1.
Phone: +36 92 507-500
Fax: +36 92 331 405
E-mail: zmkorhaz@zmkorhaz.hu
Homepage: www.zmkorhaz.hu
(Also see directions in Chapter 1.1)



EMERGENCY NUMBERS

If an emergency occurs outside the times of the competition, call 112. This number works with all landlines, as well as mobile phones or coin-operated telephones as international GSM-standard. It is always free of charge, but should be used only in case of emergencies.

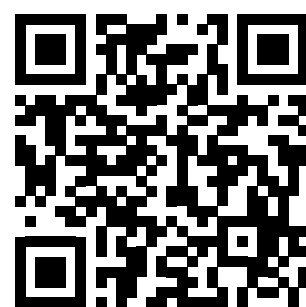
OFFICIALS

In case of an emergency, please call one of them, no matter what time it is.

Event Manager:	Tamás Csütörtöki	+36 30 370 0733	0-24h
Association President:	Dávid Kiss	+36 20 550 0468	0-24h
Regular emergency number:	112		0-24h

DISCORD SERVER

OFFICIAL ANNOUNCEMENT
& COMMUNICATION CHANNEL:
[DISCORD.COM/INVITE/UKTJY6PSTR](https://discord.com/invite/UKTJY6PSTR)



ROUTE TO HOSPITAL
ON NEXT PAGE



BEHAVIOUR IN CASE OF REGULAR FIRES (FUEL, OIL, PAPER, WOOD, ETC.)

1. Call for help (firefighters/ambulance) by either finding an official with a radio or calling 112.
2. Assist injured people to leave the area, provide first aid if you can.
3. Try to extinguish the fire, if this is possible without risking your own safety. If an electric consumer is on fire, first cut the power to it.
4. Leave the area and instruct others to do so as well.
5. Wait for the firefighters/ambulance to arrive.
6. Firefighters keep the situation under control, ambulance and medical professionals provide medical treatment.



BEHAVIOUR IN CASE OF ACCUMULATOR FIRES

1. Immediately leave the area in a radius of 5 meters and instruct others to do so as well. Assist injured people to leave the area. An overheated accumulator is extremely dangerous, so do not put yourself in danger by trying to put it out.
2. Provide first aid to the injured, if you can. See the section below on what to do in case of electric shock – in any case, do NOT give the victim water or food.
3. Call for help by finding an official with a radio or by calling 112 yourself. Wait for the firefighters and ambulance to arrive, who will handle the situation.
4. Regular emergency number: 112 0-24h
5. Stay out of the way of fumes coming from the accumulator or the car; mind the wind direction.



BEHAVIOR IN CASE OF ELECTRIC SHOCK

1. Call for medical help by finding an official with a radio or by calling 112 yourself, preferably in parallel to the steps below.
2. Notify the ESO of the team.
3. Push one of the emergency shutdown buttons and wait until the TS is off (no voltage on TSMPs and TSAL is switched off). Note that this can take up to 5 seconds, wait patiently.
4. Try to speak with the victim and ask him/her about his/her health.
5. Insulate yourself if you must move a victim away from a live contact – use a safety hook, wear dry gloves or cover your hands with multiple layers of cloth and cover potential contact paths with the car with the HV isolation blanket.
6. Watch your footing to make sure that you do not slip or fall when trying to move the victim.
7. Do not move the victim if there is a possibility of neck or spinal injuries, unless he/she is in immediate danger.
8. Do NOT give water or food to the victim.
9. Give artificial respiration if the victim is not breathing.
10. Give CPR if the victim's heart has stopped (only if you are trained in CPR) or use an Automated External Defibrillator.
11. Cover burns with a sterile dressing. On the surface, electrical burns may not look serious, but the burn can be severe deeper in the tissue.
12. Keep the victim comfortable, warm and at rest, and monitor his/her breathing until the ambulance arrives.
13. The victim might undergo ventricular fibrillation several minutes after experiencing a shock.



ELECTRIC VEHICLE FIRES

The organisers are aware of a number of incidents where prototype electric vehicles caught fire and were completely destroyed. In some cases fire extinguishers were used to control the fire, but they didn't have any effect. For this reason the organisers reserve the right to take any action in order to stop or control the fire. This includes pouring lots and lots of water on the accumulator, which can have the effect of cooling the cells sufficiently to stop and control thermal runaway. It is technically more difficult to handle electric vehicle fires in the pits, therefore the team must keep the possibility that the car can be easily pushed out of the pit. The HV accumulator must be observed for minimum one hour after it was charged.

**ANY FIRE OR ACCIDENT MUST BE IMMEDIATELY REPORTED
TO THE ORGANISERS.**

STARTER LIST

#	Pit#	Team name	University name	Country	Class	Car#
1	21	Akademischer Motorsportverein Zürich	ETH Zürich	Switzerland	EV+DV	633
2	27	Align Racing	University of Agder	Norway	EV	242
3	68	Arrabona Racing Team	Széchenyi István University	Hungary	CV	179
4	28	Bern Racing Team	Bern University of Applied Sciences	Switzerland	EV	227
5	62	BME Formula Racing Team	Budapest University of Technology and Economics	Hungary	DV	414
6	24	Bodensee Racing Team	UAS Konstanz	Germany	EV	243
7	66	Bronco Motorsports	California State Polytechnic University-Pomona	United States	CV	138
8	9	BRS Motorsport e.V.	Sankt Augustin UAS	Germany	EV	245
9	29	Campus Tirol Motorsport	Leopold-Franzens-Universität Innsbruck	Austria	EV	207
10	64	Centaurus Racing Team	University of Thessaly	Greece	CV	177
11	67	Cerber Motorsport	Bialystok University of Technology	Poland	CV	109
12	20	Chalmers Formula Student	Chalmers University of Technology	Sweden	EV+DV	603
13	23	Deefholt Dynamics	Private Hochschule für Wirtschaft und Technik	Germany	EV	222
14	8	Democritus Racing Team	Democritus University of Thrace	Greece	EV	288
15	18	e-gnition Hamburg e.V.	Technische Universität Hamburg	Germany	EV+DV	678
16	22	E-Motion Rennteam Aalen	University of Applied Science of Aalen	Germany	EV	261
17	3	Ecurie Aix Formula Student Team RWTH Aachen e.V.	Rheinisch-Westfälische Technische Hochschule Aachen	Germany	EV+DV	699
18	17	Einstein Motorsport	University of Applied Sciences Ulm	Germany	EV+DV	649
19	44	Elbflörece Formula Student Team TU Dresden e.V.	Technische Universität Dresden	Germany	DV	459
20	13	EPFL Racing Team	Ecole Polytechnique Fédérale de Lausanne	Switzerland	EV	212
21	25	FaSTda Racing	University of Applied Sciences Darmstadt	Germany	EV	240
22	65	Firenze Race Team	Università degli Studi di Firenze	Italy	CV	146
23	47	Formula Student Riga TU	Riga Technical University	Latvia	CV	128
24	7	Formula Student Team Weingarten	UAS Ravensburg Weingarten	Germany	EV	260
25	26	Formule Polytechnique Montréal	Polytechnique Montréal	Canada	EV	281
26	6	FS Team Tallinn	Tallinn TU UAS	Estonia	EV+DV	624
27	46	FS TUL Racing	Technical University of Liberec	Czech Republic	CV	169
28	45	FSUPV Team	Universitat Politècnica de València	Spain	CV	195
29	1	GET racing Dortmund e.V.	Technische Universität Dortmund	Germany	EV+DV	672
30	61	Global Formula Racing	Oregon State University	United States	EV	211
31	43	High Speed Karlsruhe	Hochschule Karlsruhe – University of Applied Sciences	Germany	EV	299
32	19	KA-Racelng	Karlsruhe Institute of Technology	Germany	EV+DV	621
33	12	LiU Formula Student	Linköping University	Sweden	EV	239
34	16	Metropolia Motorsport Formula Engineering	Helsinki Metropolia UAS	Finland	EV	298
35	5	Monash Motorsport	Monash University	Australia	EV+DV	660
36	2	munichMotorsport e.V. FS/SAE Team c/o Hochschule München	Hochschule München (HM)	Germany	EV+DV	613
37	49	Obuda University Racing Team	Obuda University	Hungary	CV	121
38	60	Racetech Racing Team TU Bergakademie Freiberg e.V.	TU Bergakademie Freiberg	Germany	EV	276
39	42	Rennstall Esslingen	University of Applied Sciences Esslingen	Germany	EV	294
40	4	Revolve NTNU	Norwegian University of Science and Technology	Norway	EV+DV	663
41	59	Strohm und Söhne e.V.	Technische Hochschule Nürnberg	Germany	EV	206
42	11	Superior Engineering Formula Student Team	University of Ljubljana	Slovenia	EV	269
43	41	Team wob-racing	Ostflia University of Applied Sciences	Germany	EV	235
44	10	TU Darmstadt Racing Team e.V.	TU Darmstadt	Germany	EV	224
45	30	TU Graz Racing Team	Technical University Graz	Austria	EV	253
46	14	TU Istanbul Racing	Istanbul Technical University	Turkey	EV	234
47	15	TU Wien Racing	TU Wien	Austria	EV	241
48	63	University Racing Eindhoven	Eindhoven University of Technology	Netherlands	DV	440
49	48	WUT Racing	Rey Juan Carlos	Spain	CV	113

ALUMNI CUP TEAM LIST

#	Pit#	Team name	University name	Country	DT	Year	Car#
1	53	alUmNI Maribor GPE	University of Maribor	Slovenia	CV	2022	935
2	34	BME Former Racing Team	Budapest University of Technology and Economics	Hungary	EV	2021	914
3	39	Bodensee Drinking Team	HTWG Konstanz	Germany	CV	2019	943
4	57	Darmstädter Apfelwein Racing Team	TU Darmstadt	Germany	EV	2019	942
5	54	DHBW Pensioneering	DHBW Stuttgart	Germany	EV	2023	917
6	58	Einstein Motorsport	UAS Ulm	Germany	CV	2019	944
7	40	High-Octane Motorsports	Uni Erlangen	Germany	CV	2021	949
8	55	Monkey DHBW	DHBW Stuttgart	Germany	EV	2022	977
9	33	Power.Fuel.Ing Electric	Karlsruhe Institute of Technology	Germany	EV	2021	969
10	32	PowerFuelIng 23	Karlsruhe Institute of Technology	Germany	EV	2023	923
11	38	Ravetech Raving Team	TU Bergakademie Freiberg	Germany	CV	2010	976
12	56	Rennteam Uni Stuttgart e.V.	University Stuttgart	Germany	CV	2017	911
13	51	Renntnerstall Esslingen	UAS Esslingen	Germany	CV	2021	994
14	35	Strohm + Ströhmer	UAS Nuremberg	Germany	EV	2021	960
15	37	TUfast Drinking Team eb018	TU Munich	Germany	EV	2018	931
16	36	TUfast Drinking Team xb021	TU Munich	Germany	EV	2021	932



CAMPING
ZALAEGRSZEG
AIRPORT
8900 ZALAEGRSZEG,
HATHÁZI STREET 87-90.

FORMULA
STUDENT **EAST**

EVENT SITE
ZALAZONE
AUTOMOTIVE
PROVING
GROUND

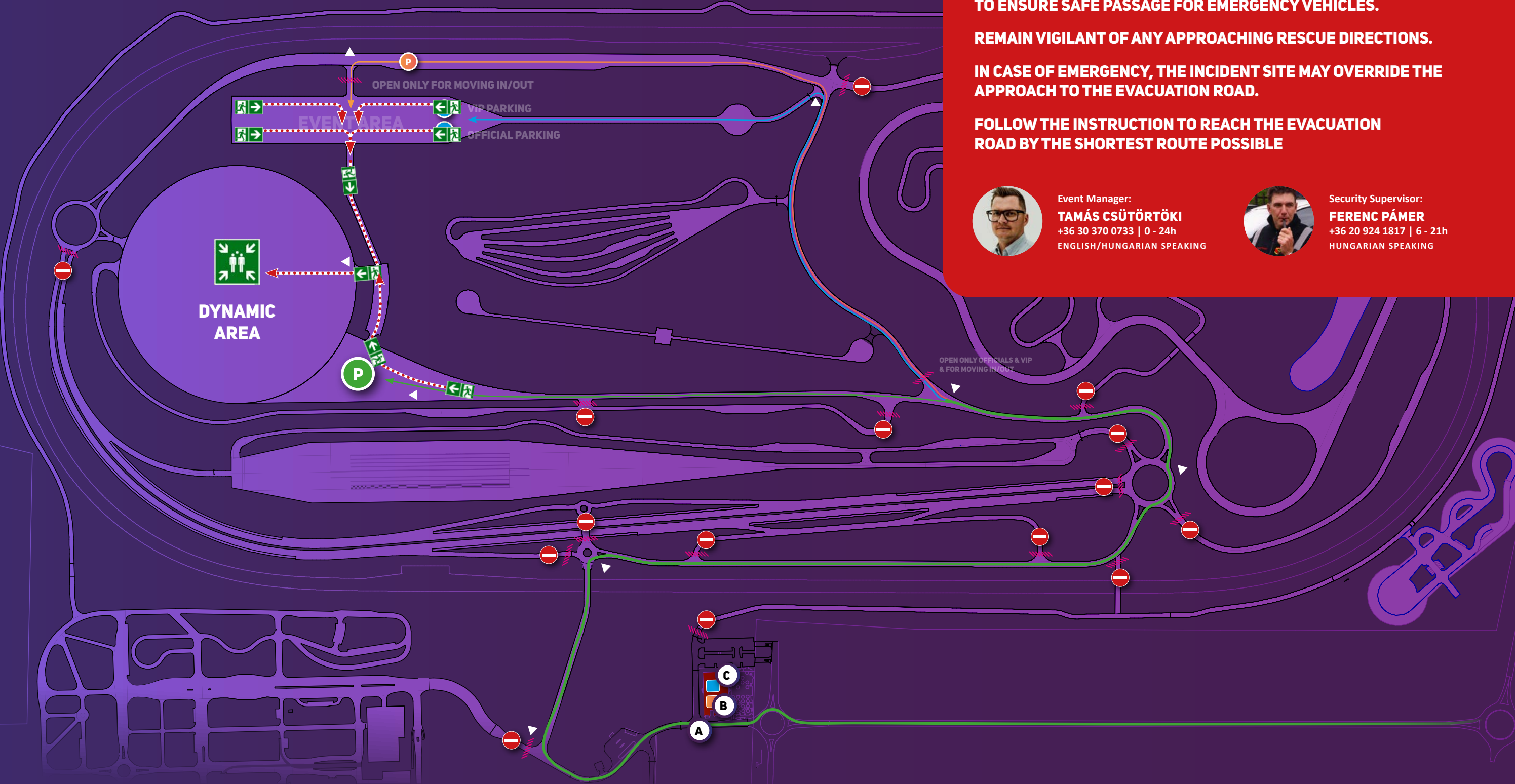
#GPS
46.889281
16.826614

HOSPITAL
ZALA COUNTY SAINT
RAFAEL HOSPITAL

ZALA MEGYEI SZENT RAFAEL KÓRHÁZ
8900 ZALAEGRSZÉG,
ZRÍNYI MIKLÓS STREET 1.
+36 92 507-500

#GPS
46.835820
16.846705

- REGULAR ROUTE TO PARKING AREA AND EVENT SITE
- ROUTE TO PITS - MOVE IN/OUT PERIODS ONLY
- ROUTES FOR OFFICIAL AND VIP PARKING
- ROAD BLOCKS - TRESPASSING FORBIDDEN
- DIRECTION POSTS
- EXIT ROUTES
- GATHERING POINT
- EXIT DIRECTIONS



EVACUATION ROUTES & ASSEMBLY

PLEASE PROCEED ON FOOT, IN PAIRS, KEEPING TO THE LEFT SIDE OF THE EVACUATION ROAD, TOWARDS THE ASSEMBLY POINT, TO ENSURE SAFE PASSAGE FOR EMERGENCY VEHICLES.

REMAIN VIGILANT OF ANY APPROACHING RESCUE DIRECTIONS.

IN CASE OF EMERGENCY, THE INCIDENT SITE MAY OVERRIDE THE APPROACH TO THE EVACUATION ROAD.

FOLLOW THE INSTRUCTION TO REACH THE EVACUATION ROAD BY THE SHORTEST ROUTE POSSIBLE



Event Manager:
TAMÁS CSÜTÖRTÖKI
+36 30 370 0733 | 0 - 24h
ENGLISH/HUNGARIAN SPEAKING



Security Supervisor:
FERENC PÁMER
+36 20 924 1817 | 6 - 21h
HUNGARIAN SPEAKING

EXCERPT FROM THE FORMULA STUDENT EAST SAFETY MANUAL DOCUMENT



PLEASE READ THE WHOLE DOCUMENT WHICH CAN BE DOWNLOADED FROM OUR WEBSITE UNDER RULES AND IMPORTANT DOCUMENTS SECTION.

2. GENERAL SAFETY REGULATIONS

2.1 SAFETY AWARENESS

All participants, staff, and visitors are required to maintain a high level of safety awareness throughout the Formula Student East event. This includes understanding and complying with safety regulations, promptly reporting any safety concerns or hazards, and actively promoting a safe and secure environment.

2.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

The use of appropriate Personal Protective Equipment (PPE) is mandatory in designated areas and during specific activities. Participants must wear and properly maintain PPE, including helmets, fire-resistant clothing, safety goggles, gloves, and closed-toe footwear. It is the responsibility of each individual to ensure their PPE is in good condition and correctly worn at all times.

2.3 COMMUNICATION AND SIGNALING

Clear and effective communication is essential for maintaining safety. Participants must familiarize themselves with the designated communication channels, including radio frequencies or other forms of communication, and use them appropriately. Signaling systems and designated hand signals should be understood and used to convey messages and intentions effectively.

2.4 HOUSEKEEPING AND WORK AREA SAFETY

Maintaining a clean and organized work area is crucial for safety. Participants should regularly remove debris, tools, and equipment from walkways and ensure proper storage to prevent tripping hazards. Work areas should be well-lit, and any spills or hazardous substances should be promptly cleaned and reported.

2.5 FIRE SAFETY

Fire safety is a paramount concern throughout the event. Participants must adhere to designated smoking areas and never smoke in prohibited areas. Open flames, flammable liquids, or unauthorized pyrotechnics are strictly prohibited unless specifically authorized and supervised by the event organizers. In case of fire, participants should follow evacuation procedures and report the incident immediately.

2.6 ALCOHOL AND SUBSTANCE USE

The consumption or use of alcohol or illegal substances is strictly prohibited during the Formula Student East event. Participants must be free from the influence of alcohol or drugs that impair judgment or coordination. Any individual found violating this regulation will be subject to disciplinary action.

2.7 NON-COMPLIANCE AND DISCIPLINARY ACTIONS

Failure to comply with safety regulations may result in disciplinary action, including but not limited to warnings, temporary suspension from participating in specific activities, or removal from the event premises. The event organizers reserve the right to enforce such actions to ensure the overall safety of all participants. These general safety regulations provide a foundation for maintaining a safe and secure environment during the Formula Student East event. It is essential for all participants to familiarize themselves with these regulations and actively contribute to a culture of safety.

2.8 ALERT TYPES

During the Formula Student East event, two alert types may be issued at the event venue and the campsite: Orange Alert and Red Alert. These alert types can only be issued by the Event Manager or, in their absence, by a designated deputy. In case of their unavailability, the EHS Supervisor is authorized to issue the alert. Announcements will be made through the official sound systems or the emergency public address system. In the event of a failure in these systems, announcements will be made through a manual public address system.

ORANGE ALERT

During an Orange Alert, the following measures will be implemented:

- Tighten the top five fasteners of tent doors.
- Remove all equipment from outside the pits.
- Work can continue in the pits.
- Officials will check the site for proper fastening.

Frequency of announcements: Every minute until all precautions are finished.

RED ALERT

During a Red Alert, the following measures will be implemented:

- Dynamic activities stop immediately.
- Vehicles powered down by team members.
- Participants must leave the pits and event site immediately following the instructions of officials.
- Officials will close up the tents completely.

Frequency of announcements: Continuous, until the event site is emptied. It is crucial to ensure that the authorized personnel issue the alert types and that proper communication channels, including the official sound systems or emergency public address system, are utilized. Contingency plans should also be in place, including the availability of a manual public address system, in case of any failures.

2.9 EVACUATION PROCEDURE

In the event of an emergency requiring evacuation, follow the designated evacuation plan for a safe and orderly exit from the area towards the assembly point. Please refer to the attached map for clear directions.

2.9.1. ON-FOOT EVACUATION

The evacuation process will be conducted on foot. Participants are advised to proceed on foot to ensure a smooth and safe evacuation process.

2.9.2. EVACUATION IN PAIRS

It is essential to evacuate in pairs to enhance safety and support during the evacuation process. Stick together with a partner to help each other and stay informed.

2.9.3. LEFT SIDE OF THE EVACUATION ROAD

During the evacuation, all participants must keep to the LEFT side of the designated evacuation road. This ensures unobstructed passage for emergency vehicles, enabling swift response to the situation.

2.9.4. DIRECTIONAL VIGILANCE

Stay vigilant and aware of any rescue directions or instructions given by emergency personnel. Follow their guidance promptly to ensure a coordinated and efficient evacuation. Remain vigilant of any approaching rescue directions. In case of emergency, the incident site may override the approach to the evacuation road. Follow the instruction to reach the evacuation road by the shortest route possible.

2.9.5. INCIDENT SITE OVERRIDE

In case of an emergency situation that necessitates a different approach to the evacuation road, follow the instructions provided by event organizers or emergency responders. Safety is paramount, and instructions may be modified based on the situation.

2.9.6. DIRECT ROUTE TO EVACUATION ROAD

When proceeding to the evacuation road, follow the shortest route possible while still maintaining a safe distance from any incident site. Avoid any unsafe or blocked pathways.

By adhering to the above guidelines and remaining alert during the evacuation, we can ensure the safety and well-being of all participants, visitors, and event staff. Please familiarize yourself with the evacuation routes and designated assembly points outlined on the attached map. In the unlikely event of an emergency, staying calm and following these instructions will contribute to a successful and secure evacuation process.

2.10 EVENT OF FIRE

In the event of a fire, prioritize personal safety and immediately initiate emergency actions. With a loud and clear voice, inform the surrounding area about the emergency, clearly stating the nature of the situation, for example, 'Battery on fire!'

2.10.1. EMERGENCY ANNOUNCEMENT

Raise an immediate alarm by loudly and clearly informing the vicinity about the nature of the emergency. Ensure that everyone in the area is aware of the situation and takes necessary precautions.

2.10.2 FIRE SUPPRESSION

If it is safe to do so, attempt to move the burning object or vehicle outside the pit/tent area to minimize the risk of spreading the fire. Use appropriate firefighting equipment available in all areas to control the fire effectively.

2.10.3. COMMUNICATION

Simultaneously, inform the Event Manager or any designated organizer with a two-way radio communication device about the incident. Provide them with all relevant details to facilitate a coordinated response.

2.10.4. EVACUATION PROTOCOL

Those who cannot actively participate in firefighting or assisting in the situation must follow the designated evacuation routes promptly and proceed towards the designated assembly point for further instructions.

Ensuring clear and decisive communication during an emergency is vital to mitigate potential risks and protect the safety of all participants and attendees. By adhering to these guidelines and practicing proper emergency protocols, we can maintain a safe and secure environment during Formula Student East events."



TRANSFORMATIVE TECHNOLOGY IS IN OUR NATURE

Garrett is a cutting-edge technology leader delivering differentiated solutions for emission reduction and energy efficiency. We serve customers worldwide with passenger vehicle, commercial vehicle, aftermarket replacement and performance enhancement solutions.

With a global presence and listed on Nasdaq (GTX), Garrett is an innovation ecosystem of talented people that are passionate about innovating for mobility and beyond.



www.garrettmotion.com



Turbo & Hybrid Technology



Zero Emission

DAY #0

28TH JULY // SUNDAY

- 08:00 - 18:00 Moving in and Registration for Camping @Camping
- 10:00 - 12:00 Volunteer Registration @Ticket Center
- 10:00 - 14:00 Alumni Cup Registration @Ticket Center
- 12:00 - 18:00 Team Registration @Ticket Center
- 14:30 - 15:30 Alumni Cup Briefing @Camping
- 14:30 - 19:20 HV Accumulator Scrutineering @Camping
- 14:30 - 20:30 Safety Equipment Check @Camping
- 15:30 - 20:30 Alumni Cup Scrutineering @Camping
- 18:00 - 22:00 Moving into the Pits @Pits
- 22:00 - 23:00 Opening Ceremony @Camping

DAY #4

1ST AUGUST // THURSDAY

- 06:45 - 07:30 Volunteer Breakfast @Catering
- 07:00 - 21:00 Event Site open
- 07:00 - 16:00 Ticket Center open
- 07:00 - 21:00 Event Control open
- 08:00 - 08:30 Team Briefing @Catering
- 08:00 - 12:00 Welding & Tyre Change open
- 08:00 - 12:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise, Tilt & Weighing, Rain Test
- 08:00 - 12:00 Static ReScrutineering @Scrutineering Tent
- 08:00 - 18:00 Charging Area open
- 08:30 - 09:00 Track Walk @Endurance Track
- 08:30 - 12:00 Skidpad DV
- 09:00 - 10:00 Alumni Cup AutoX @Endurance Track
- 09:00 - 12:00 EBS Test DV
- 09:00 - 12:00 Brake Test
- 09:00 - 12:00 Test Track CV, EV @Test Track #1
- 09:00 - 12:00 Test Track DV @Test Track #2
- 09:00 - 12:30 Team Photo @EC
- 10:00 - 12:00 Autocross EV, CV @Endurance Track
- 12:00 - 13:30 Lunch break @Catering
- 13:00 - 14:00 Skidpad DV
- 13:00 - 16:00 Static ReScrutineering @Scrutineering Tent
- 13:00 - 17:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise, Tilt & Weighing, Rain Test
- 13:00 - 18:00 EBS Test DV
- 13:00 - 18:00 Brake Test
- 13:00 - 18:00 Test Track CV, EV, DV @Test Track #1
- 13:00 - 18:00 Autocross EV, CV @Endurance Track
- 13:00 - 18:00 Acceleration DV @Acceleration Track
- 13:30 - 20:00 Welding & Tyre Change open
- 14:00 - 18:00 Autocross + Trackdrive DV priority for EV-DV @Test Track #2
- 15:00 - 18:00 Alumni Cup Drift Special Event @Skidpad Track
- 18:00 - 20:00 Panoramic Picture @Dynamic Platform
- 20:00 - 21:00 Team Captain Meeting @Catering
- 21:00 Pits close
- 21:30 - 22:30 Award Ceremony Part I. @Camping

DAY #1

29TH JULY // MONDAY

- 06:45 - 07:30 Volunteer Breakfast @Catering
- 07:00 - 21:00 Event Site open
- 07:00 Pits open
- 07:00 - 07:30 Mandatory Fire Safety Training
- 07:00 - 16:30 Ticket Center open
- 07:00 - 21:00 Event Control open
- 08:00 - 10:30 Alumni Test Track open
- 08:00 - 12:00 Welding & Tyre Change open
- 08:00 - 18:00 Driver, Data logger, ESO & ASR Registration @EC
- 08:00 - 20:00 Static Scrutineering @Scrutineering Tent Detailed schedule online
- 09:00 - 17:00 Cost and Manufacturing Event EV, DV, CV @Team Pits
- 09:00 - 17:00 Engineering Design Event - DV @Team Pits
- 09:00 - 18:00 Business Plan Presentation Event @BPP Rooms
- 09:30 - 12:00 Fuelling open @Dynamic
- 12:00 - 13:30 Lunch break @Catering
- 13:00 - 18:00 Brake Test
- 13:30 - 18:00 Alumni Test Track open
- 13:30 - 18:00 Fuelling open @Dynamic
- 13:00 - 20:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise Test, Tilt & Weighing
- 13:30 - 20:00 Welding & Tyre Change open
- 18:00 - 20:00 Alumni Got Talent @Dynamic Platform
- 21:00 Pits close

DAY #5

2ND AUGUST // FRIDAY

- 06:45 - 07:45 Volunteer Breakfast @Catering
- 07:00 - 20:00 Event Site open
- 07:00 - 14:00 Ticket Center open
- 07:00 - 18:00 Event Control open
- 08:00 - 08:30 Team Briefing @Catering
- 08:00 - 12:00 Welding & Tyre Change open
- 08:00 - 20:00 Charging Area open
- 08:30 - 09:00 Track Walk @Endurance Track
- 08:30 - 12:00 Autocross + Trackdrive DV @Test Track #2
- 09:00 - 18:00 Data Logger & Transponder Collection @EC
- 09:15 - 12:00 Endurance EV, CV @Endurance Track
- 11:00 - 11:45 Press Conference @ZZ Main Building
- 12:00 - 13:30 Lunch break @Catering
- 13:00 - 18:00 Autocross + Trackdrive DV @Test Track #2
- 13:00 - 18:00 Endurance EV, CV @Endurance Track
- 15:30 - 17:00 Alumni Cup Endurance @Endurance Track
- 18:00 - 20:00 Moving out of the Pits
- 21:00 - 22:30 Award Ceremony Part II @Camping

DAY #2

30TH JULY // TUESDAY

- 06:45 - 07:30 Volunteer Breakfast @Catering
- 07:00 - 21:00 Event Site open
- 07:00 - 16:00 Ticket Center open
- 07:00 Pits open
- 07:00 - 21:00 Event Control open
- 08:00 - 12:00 Welding & Tyre Change open
- 08:00 - 20:00 Charging Area open
- 08:00 - 20:00 Static Scrutineering @Scrutineering Tent Detailed schedule online
- 08:00 - 12:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise, Tilt & Weighing, Rain Test
- 09:00 - 12:00 Brake Test CV, EV, DV
- 09:00 - 17:00 Cost and Manufacturing Event @Team Pits
- 09:00 - 17:00 Engineering Design Event - CV, EV @Team Pits
- 09:30 - 12:00 Alumni Test Track open
- 10:00 - 15:30 Business Plan Presentation Event - Feedback @ZZ Main building
- 10:00 - 18:00 Optional Driver Registration @EC
- 12:00 - 13:30 Lunch break @Catering
- 13:00 - 18:00 Brake Test CV, EV, DV
- 13:00 - 18:00 Test Track CV, EV + Alumni @Test Track
- 13:00 - 20:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise, Tilt & Weighing, Rain Test
- 13:30 - 20:00 Welding & Tyre Change open
- 16:00 - 18:00 EBS Test DV
- 18:00 - 19:30 Business Plan Presentation Event Final @Catering
- 19:00 - 20:45 Engineering Design Event - DV Final @Dynamic Platform
- 21:00 Pits close

DAY #6

3RD AUGUST // SATURDAY

- 07:00 - 12:00 Camping - Moving out @Camping

DAY #3

31ST JULY // WEDNESDAY

- 06:45 - 07:30 Volunteer Breakfast @Catering
- 07:00 - 21:00 Event Site open
- 07:00 Pits open
- 07:00 - 16:00 Ticket Center open
- 07:00 - 21:00 Event Control open
- 08:00 - 08:30 Team Briefing @Catering
- 08:00 - 09:00 Alumni Acceleration @Acceleration Track
- 08:00 - 09:00 Alumni Skidpad @Skidpad Track
- 08:00 - 12:00 Welding & Tyre Change open
- 08:00 - 12:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise, Tilt & Weighing, Rain Test
- 08:00 - 20:00 Static Scrutineering @Scrutineering Tent Detailed schedule online
- 08:00 - 20:00 Charging Area open
- 08:30 - 17:00 Transponder Registration @EC
- 09:00 - 12:00 Acceleration CV, EV including Alumni @Acceleration Track
- 09:00 - 12:00 Skidpad CV, EV including Alumni @Skidpad Track
- 09:00 - 12:00 Test Track CV, EV @Test Track #1
- 09:00 - 12:00 Test Track DV @Test Track #2
- 09:00 - 12:00 Brake Test CV, EV, DV
- 09:00 - 12:00 EBS Test DV@DV Test Track
- 09:00 - 12:30 Score Sheet Review for Teams EDE + CME @Catering
- 12:00 - 13:30 Lunch break @Catering
- 13:30 - 17:00 Team Photo @EC - on demand
- 13:00 - 18:30 Acceleration CV, EV including Alumni @Acceleration Track
- 13:00 - 18:30 Skidpad CV, EV including Alumni @Skidpad Track
- 13:00 - 18:30 Test Track CV, EV @Test Track #1
- 13:00 - 18:30 Test Track DV @Test Track #2
- 13:00 - 18:30 Brake Test CV, EV, DV
- 13:00 - 18:30 EBS Test DV @DV Test Track
- 13:00 - 20:00 Dynamic Scrutineering @Dynamic Scrutineering Area Noise, Tilt & Weighing, Rain Test
- 13:30 - 20:00 Welding & Tyre Change open
- 14:00 - 16:15 Hydrogen Challenge @Catering
- 18:00 - 19:00 Cost and Manufacturing Event Final @Dynamic Platform
- 19:00 - 21:00 Engineering Design Event - CV/EV Final @Dynamic Platform
- 21:00 Pits close

THIS IS CRAZY! WEEEE!

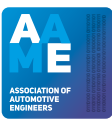
I WILL CALL YOU DAISY!

FORMULA EAST STUDENT

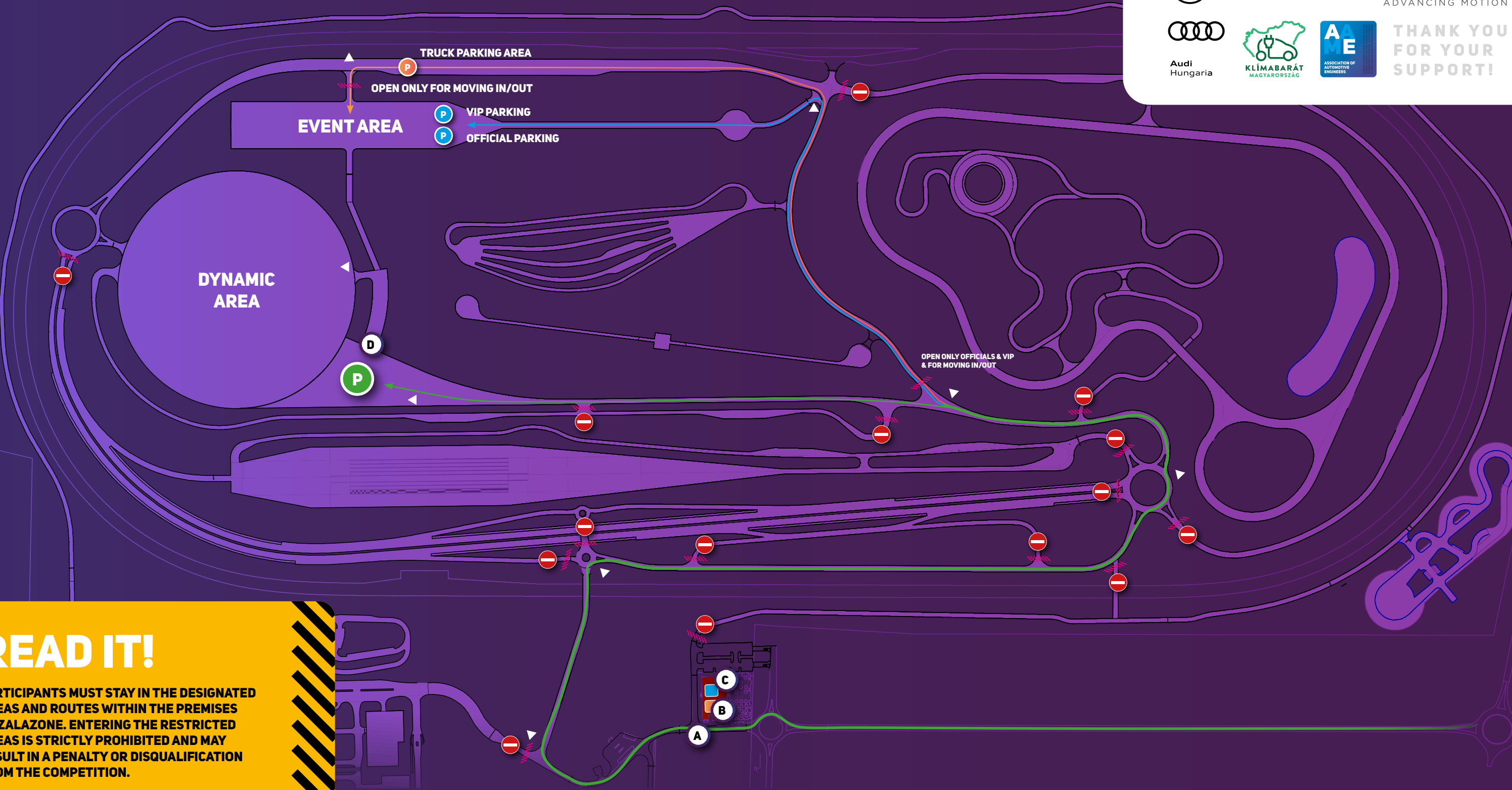
- REGULAR ROUTE TO PARKING AREA AND EVENT SITE
- ROUTE TO PITS - MOVE IN/OUT PERIODS ONLY
- ROUTES FOR OFFICIAL AND VIP PARKING
- ROAD BLOCKS - TRESPASSING FORBIDDEN
- DIRECTION POSTS

- A ZALA ZONE ENTRANCE
- B TICKET CENTER
- C BUSINESS EVENTS
- D EVENT ENTRANCE
- P PARKING AREA
- P TRUCK PARK ZONE

MADE IT POSSIBLE



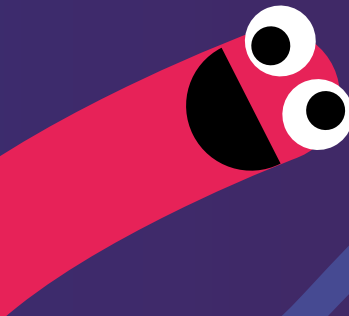
THANK YOU
FOR YOUR
SUPPORT!



READ IT!

PARTICIPANTS MUST STAY IN THE DESIGNATED AREAS AND ROUTES WITHIN THE PREMISES OF ZALAZONE. ENTERING THE RESTRICTED AREAS IS STRICTLY PROHIBITED AND MAY RESULT IN A PENALTY OR DISQUALIFICATION FROM THE COMPETITION.

MORNING HULUD!



HEARD SOME NOISE!



EVENT MAP | ALL WEEK

- 1 ENTRANCE GATE

2 MEDICAL CENTER / RESCUE

3 TOILETS

4 CATERING

5 TEAM PITS

6 SCRUTINEERING

7 WELDING

8 TYRE CHANGE

9 FUEL STATION

10 CHARGING AREA
- 11 ACCUMULATOR STORAGE

12 TILT & NOISE TEST AREA

13 RAIN TEST

14 GRAND STAND

15 EXHIBITION AREA

16 BRAKE TEST

17 ACCELERATION TRACK

18 SKID PAD

19 TEST TRACK #1 | CV & EV

20 TEST TRACK #2 | DV / EBS TEST / TRACKDRIVE DV
- 21 ENDURANCE TRACK

22 DYNAMIC ENTRANCE/EXIT

A ZALA ZONE ENTRANCE

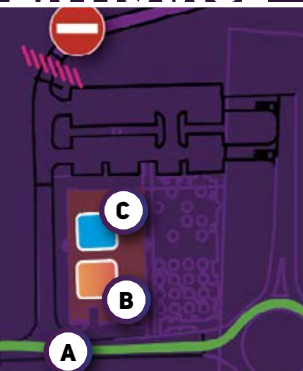
B TICKET CENTER

C BUSINESS EVENTS

- FENCE
- ENGINE TEST AREAS
- WATER WALL GATES
- PARKING AREAS

ZALA ZONE ENTRANCE

FULL EVENT MAP ON PREVIOUS PAGE



ROUTE TO EVENT AREA

RENNTNERSTALL ESSLINGEN 2010 CV	50	32	POWERFUELING23 EV
RENNTNERSTALL ESSLINGEN 2021 CV	51	33	POWER.FUEL.ING ELECTRIC EV
PROM RACING ALUMNI TEAM CV	52	34	BME FORMER RACING TEAM EV
ALUMNI MARIBOR GPE CV	53	35	STORHM+STRÖHMER EV
DHBW PENSIONERING EV	54	36	TUFAST DRINKING TEAM XB021 EV
MONKEY DHBW EV	55	37	TUFAST DRINKING TEAM EB018 EV
RENNTTEAM UNI STUTGART CV	56	38	RAVETECH RAVING TEAM EV
DARMSTADTER APFELWEIN RACING TEAM EV	57	39	BODENSEE DRINKING TEAM CV
EINSTEIN MOTORSPORT CV	58	40	HIGH-OCTANE MOTORSPORTS CV

STROHM UND SÖHNE EV	59	41	TEAM WOB-RACING EV
RACETECH RACING TEAM EV	60	42	RENNSTALL ESSLINGEN EV
GLOBAL FORMULA RACING EV	61	43	HIGH SPEED KARLSRUHE EV
BME FORMULA RACING TEAM DV	62	44	ELBFLOTRACE FS TEAM TU DREZDEN DV
UNIVERSITY RACING EINDHOVEN DV	63		

EVENT CONTROL

EC

EVENT CONTROL

CENTAURUS RACING TEAM CV	64	45	FSUPV TEAM CV
FIRENZE RACE TEAM CV	65	46	FS TUL RACING CV
BRONCO MOTORSPORTS CV	66	47	FORMULA STUDENT RIGA TU CV
CERBER MOTORSPORT CV	67	48	WUT RACING CV
ARRABONA RACING TEAM CV	68	49	OBUDA UNIVERSITY RACING TEAM CV

WHAT A HEARTWORMING EVENT!



SCRUTINEERING AREA

EINSTEIN MOTORSPORT EV-DV	17	1	GET RACING DORTMUND EV-DV
E-GNITION HAMBURG EV-DV	18	2	MUNICHMOTORSPORT EV-DV
KA-RACEING EV-DV	19	3	ECURIE AIX FS TEAM RWTH EV-DV
CHALMERS FORMULA STUDENT EV-DV	20	4	REVOLVE NTNU EV-DV
TYRE CHANGE	TC	5	MONASH MOTORSPORT EV-DV
AMZ RACING TEAM EV-DV	21	6	FS TEAM TALLINN EV-DV
E-MOTION RENNTTEAM AALEN EV	22	7	FS TEAM WEINGARTEN EV
DEEFHOLT DYNAMICS EV	23	8	DEMOCRITUS RACING TEAM EV
BODENSEE RACING TEAM EV	24	9	BRS MOTORSPORT EV
FASTDA RACING EV	25	10	TU DARMSTADT RACING TEAM EV
FORMULE POLYTECHNIQUE MOTRÉAL EV	26	11	SUPREIOR ENGINEERING FS TEAM EV
ALIGN RACING EV	27	12	LIU FORMULA STUDENT EV
BERN RACING TEAM EV	28	13	EPFL RACING TEAM EV
CAMPUS TIROL MOTORSPORT EV	29	14	TU ISTANBUL RACING EV
TU GRAZ RACING TEAM EV	30	15	TU WIEN RACING EV
	31	16	METROPOLIA MOTORSPORT FORMULA ENGINEERING EV

AWWWW!



THE BOSS

BOARD MEMBERS



Dávid KISS
Board | Event Manager ||
President of AAME



Alexander DUDÁS
Board | Financial Manager ||
Vice-President of AAME



Réka KUSTÁN
Board | Event Control Leader



Lilla LUGOSI
Board | Dynamic



Krisztina HORICSÁNYI
Board | Static - BPP Event
Responsible || Vice-President
of AAME



Péter LINDNER
Board | Technical Inspection



Tamás CSÜTÖRTÖKI
Board | Event Manager



János KUN
Board | PR Leader



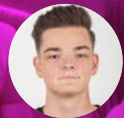
János TÓTH
Board | Competition Director



Tamás BERKECZ
Board | Partnerships

THE BADASS

EXECUTIVE COMMITTEE



Áron SEBŐ
EC | Mechanical Technical
Inspection Responsible



Attila FLIEGL
EC | HV Accumulator Technical
Inspection Responsible



Tom DE HAAN
EC | Electrical Technical Inspection
Responsible



Zsolt THAMÓ
EC | Autonomous Technical
Inspection & ASF Responsible



Tamás LÉNÁRT
EC | Engineering Design Event
Co-Responsible



Csaba AL-HAFEZ
EC | Engineering Design
Event Co-Responsible



Krisztián BANA
EC | Cost & Manufacturing
Event Responsible



Zsófia VÖRÖS
EC | Skidpad Event Leader



Dávid SZEGLETES
EC | Acceleration Event
Leader



Dániel SALAMON
EC | Alumni Cup



András HORVÁTH
EC | Endurance
& Autocross Leader



Máté TÓTH
EC | Driverless Events Leader



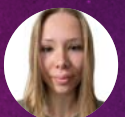
Bendegúz SZIRMAI
EC | Brake Test Event Leader
& Layout Responsible



Imre KOVÁCS
EC | Driver Change Area
Leader



Szabolcs GYÖRKÖS
ET | Controlling Responsible



Dominika VIDA
ET | Event Control Assistant



Csilla RUSZTHI
ET | Social Media & Team
Communication



Norbert OROSZ
ET | Event Tech Responsible



Judit KALMÁR
ET | Logistics Leader



Dániel VÁRNAGY
ET | Graphic Design
Responsible



Szandra HOFER
ET | Project Manager



Tímea NAGY
ET | Event Coordinator



Ferenc PÁMER
ET | Security Supervisor

THE SPARKPLUG

OPERATIVE TEAM



Marta KUBALA
OT | Business Plan
Presentation Event Support



Anna SZAKONYI
OT | Cost & Manufacturing
Event Support



Viktória GÖDÉR
OT | Cost & Manufacturing
Event Support



Nóra NÉMETH
OT | SES & IAD Responsible
- EV



Zsolt ZRUPKÓ
OT | SES & IAD Responsible
- CV



Máté KOBA
OT | Dynamic Technical
Inspection & ESF Responsible



Zakariás ERŐSDI
OT | Mechanical Technical
Inspection Expert



Christian SCHAPPMANN
OT | Post-Inspection
Responsible



Zoltán HORGOS
OT | Junior Autonomous
Technical Inspection
Responsible



Róbert PUSZTAVÁMI
OT | Dynamic Infrastructure
Preparation Leader



Gergely LÉGRÁDI
OT | Endurance and
Autocross Responsible



Jacob CULLEY
OT | Driverless Events
Responsible



Endre PÉNTEK
OT | Driverless Events and
Marshall Training Support



Bendegúz KOMORÓCZKI
OT | Dynamic Preparation
Team & Test Track
Responsible



Marcell SCHUH
OT | Fuel Station Responsible



Napsugár HUNYADI
OT | Volunteer Assignment
Responsible & Infrastructure
Support

FORMULA EAST
STUDENT
YOU ARE HERE!
WELCOME TO FORMULA STUDENT EAST
MAKE THE FIRST STEPS! REGISTER AT TICKET CENTER

WITHOUT THEM
IT COULD NOT HAPPEN

THANK YOU!

SUPPORTERS: BÁLINT BURJÁN, BARNABÁS BURJÁN, BERNADETT BRUNCSICS, DÁNIEL HORVÁTH, EDINA VARGA, FANNI LEHOCZKY, GÁBRIEL PÖTZL, GRETA ALADICS, JANKA BORBÁLA MOLNÁR, JURE BOHINC, KÍRA HANNA VADON, MÁRTA NÓRA MOLNÁR-SZENTGYÖRGYI, NIKOLAOS KREMMYDAS, VINZENZ ECKHARDT, ZSÓFIA SCHOTTNER, **TRACK MARSHALS:** ALEXANDER KLEIN, AYDIN TEKDAL, CSONGOR NÉMETH, DANIEL HARTMANN, DÁVID FÜLÖP, DIMOSTHENIS STAVARIS, EMESE KORCSMÁROS, FELIX KRAMSS, HANNES SCHRÖTER, HANS-ULRICH BÜTTNER, HENDRIK KNISPEK, IVANA MILOSEVIC, JÁZMIN RAMÓNA SALAMON, JUAN PABLO PIZARRO ARDUINO, KATHRIN WURST, LÉO GUILLIER, LUCA SPENGLER, LUISE KOLB, MARCELL ANDRÁSNAGY, MÁTÉ LIPTÁK, NIKLAS FRIEDRICH, NOAH SCHUH, PHILIPP WILL, PHILIPPE RAMOS KUSHE, SARA STAMEJCIC, SEBASTIAN THOMAS BALINT, STEPHAN PIROTH, TAJDA KOLAR, TOBIAS KLEINLEIN, VIKTORIA SZKUDLAREK, **SCRUTINEERS:** ÁBEL SZABÓ, AHMED KHALIFA, ALEN MIRTELJ, ALEXANDER KRAUS, ANDREAS DIKAS, ANDREJ KOŠIR, ARYAN KUMAR, BARBARA HORVÁTH, BARHAM FARRAJ, BARNABÁS LABONCZ, BENDEGÚZ MADÁCSI, BENEDIKT RUHLAND, BOUTAINA DAKDAKI, CHRISTOPHER SOIKA, DANIEL JÄGER, DÁVID ANGA, ETHAN WILLETT, FABIAN KLEINLEIN, FEDERICO FAVA, FELIPE JIMENEZ, FOTIS ALEXANDRIDIS, FRANK WITTMANN, GIRRIH VARADHARAJAN, HANNA WERNER, HENRIK KUNZELMANN, JAN ADEN, JAN ALHÄUSER, JÁNOS SZALAY, JÁNOS TÓTH, JÁRVÁS ANDRÁS VÁZSONY, JOHANNES BUSCHMANN, JONAS DÄUBLER, JONAS EBERHARD, JONATHAN ANDRÄ, JUAN CARLOS BERNARDO, KAI TIETZ, LEANDER SCHITTENHELM, LUCA DEUTRICH, LUIS DREHER, MAGNUS DEGELAU, MARCHÄGELE, MARTIN GAST, MARTIN TOTH, MATJAŽ STRNIŠA, MATTHIAS GRELL, MAX FRIEDEMANN, MAX HEIDBRINK, MAXIMILIAN KELM, MAYKEL GÜNES, MICAH ZUGLIAN, NICK WÄGNER, NICOLE BALZ, NIK STROZAK, OSCAR AGUSTIN MAYORGA, PANOURGIAS EFSTATHIOS, RICHARD DAY, ROBERT STEFANI, ROBIN

HERKERT, SARAH EMIL AZIZ YASSA SEDRAK, STEFAN OECHSLEIN, SVEN VIERLING, TIM HERKENHOFF, YANNICK SCHAFER, **JUDGES:** ÁDÁM KISS-MIHÁLY, ÁGOST SZUNOMÁR, ALEXANDER MORHARD, AMRO KHALED, ANDRÁS IZSÓ, ANDRÁS MÉRI, ANGELOS KREMMYDAS, ANNE BEYER, ARASH SHIRIAN, ÁRON CSETÉNYI, ATÉNA VOJNOVICS, ATHANASIOS SALTAS, BALÁZS MÉSZÁROS, BALÁZS TAKÁCS-DOBÓ, BELIOTIS GEORGIOS, BENEDIKT BOUFFLEUR, BERNARDO TAVEIRA, CHRISTOPHER SCHÖNBERG, DANIEL PETERMANN, DÁVID BAKONYI, DIMITRIOS TSALAPATAS, DOMINIK MAGERLE, DR. ÁDÁM BÁRDOS, EVELIN ILLÉS, FELIX SCHNERRING, FLORIAN BLOCH, FRÉDÉRIC JUSTUS KAUFFMANN, GERGELY MATIN, HANA SALAMEH, HANNA HORVÁTH, HOUSSAM MOUGHARBEL, ILLÉS SALACZ, IMOLA BERKECZ, JACOB CULLEY, JAKOB RAZDEVŠEK, JONAS COESFELD, JOZSEF JONA, JÓZSEF RICHÁRD LENNERT, JULIA KRAUS, JULIAN PREUSS, KARAMARIOGLOU KATERINA, KARL-LUDWIG HAKEN, KEVIN BANEÁ, KLEMEN PONGRAČIČ, KONSTANTINOS ALEXOPOULOS, KRISTOF KLEM, KRISTÓF PILHOFFER, LÁSZLÓ CZÉL, LÁSZLÓ OROVA, LEVENTE BEREZKI, LINDA HORVÁTH, LORANT BURIAN, MANUEL BALZ, MÁRIÓ ATTILA PAPP, MARIO STEINEL, MARK HABOK, MARKUS NENZEL, MATE HADLACZKY, MAXIMILIAN RÜDINGER, MICHAEL HENZLER, MUKUL BARDAY, NÁNDOR BEKES, NÁNDOR KORMÁNY, NIELS MEINKE, NOAH KNABBen, OLIVÉR PIBER, ORESTIS BATSI, PARASKEVI MICHALOPOULOU, PASCAL BALLAUF, PASCAL DRESSLER, PÉTER ARANY, PÉTER JAKUBOVICS, PÉTER KAKAS, PÉTER PUNGOR, PETR SKARA, PHILIP DÖBLER, PHILIPP KALANKE, RIEKE EHRSAM, SABRINA GEGG, SIMON BIECHELE, SIMON FÜLÖP, STAVROS SYNTOSIS, TAREQH AL SYIFA ELGI WIBISONO, THERESA KAISER, TIMOTHY ANTICEVICH, VERENA HÖFLER, VINCENT JELLBAUER, YANNIK SVEN DETMERS, YASMIN DREIER, ZOI KORDA, ZOLTÁN DOBOS, ZOLTÁN DOMOKOS, ZOLTÁN KOTHENCZ, ZOLTÁN MÁRTON, ZOLTÁN NAGY, ZSOLT SZABÓ,

WE ARE THE CORE

ORGANISATIONAL ASPECTS

REGISTRATION FOR THE EVENT

CAMPSITE CHECK-IN

Schedule: 28th July - Sunday| 08:00 - 18:00
Location: Campsite Reception

The FS East Camp opens officially on Sunday, July 28th at 8:00 AM.
Upon arrival you'll be able to check-in at the Campsite Reception.
All team members (and team guests) have to sign the campsite registration form in exchange for campsite wristbands, that guarantee entrance to the FS East Camp for the rest of the event.
Campsite wristbands will be handed out based on the accommodation booking and the Team Member Designation document.

Wristbands are issued to the team captain by the Campsite Reception based on the signed lists. Simultaneously with the wristband collection, teams are required to pay a camping deposit of €200 at the Campsite Reception.

When the registration procedure is over, the team is ready to move in to the campsite with the guidance of our logistics team. Team members who have not arrived by the move-in time can register upon arrival at the Campsite Reception individually.

Useful contact:
Judit KALMÁR +36 20 489 9808

Please note that the pits at the Event Site will only be open from 18:00 on 28 July!
Until then all vehicles should be parked at the Campsite, due to the limited parking areas outside of the Event Site.
We advise teams to access the event site for Team Registration with passenger cars only.

TEAM REGISTRATION

Schedule: 28th July - Sunday| 12:00 - 18:00
Location: Ticket Center @ZalaZone Main Building

Team registration is handled based on a reservation system, which offers predetermined time slots for the teams that they can apply for. This enables a planned arrival and reduces the queue at the entrance.

The time slots and details of the process are announced at fseast.eu/logistics-2024 prior to the event.
Only the Team Captain is allowed to register their team and it's not necessary for the whole team to be present.
During the first step of the registration procedure Team Captains submit a printed version of the Standard Terms document signed by all team members which is available on the Rules & Important Documents page of the FS East website fseast.eu/rules-important-documents-2024/.

We only accept fully completed and signed documents. Please ensure that every team member participating in the event is listed.
By signing the Standard Terms the teams state that they accept the rules of the event, that only team members will work on the car, also understanding and following the safety guidelines of the event. Team Captains get the starter package here, which includes team member badges, dynamic passes, car passes (which you have to fill out with all necessary information and stick on your car) and the event handbook.

After that Drivers, ESOs and ASRs can proceed to register and obtain wristbands for fulfilling these roles.
Teams participating in Scrutineering on 28th of July at the Campsite must register at least one ESO during Team Registration to receive a wristband.

When the registration is complete, our colleagues record your arrival, and give you any possible info about the next steps - parking, moving in procedure etc.

The Ticket Center will be open the next day from 7:00 AM to handle late team registrations.

Useful contact:
Judit KALMÁR +36 20 489 9808

DISCLAIMER!

WE WANT TO PROVIDE YOU WITH AN EXCELLENT EVENT EXPERIENCE DURING THE 5 AND A HALF DAYS YOU SPEND AT FS EAST 2024. AS OUR TIME IS LIMITED, WE STRONGLY ADVISE YOU AND ASK FOR YOUR COOPERATION IN ADHERING TO THE SCHEDULE - ESPECIALLY ON THE EXACT TIMES OF MOVING OUT OF THE PITS AS WELL AS FINISHING DYNAMIC DISCIPLINES !

YOUR COOPERATION ENSURES THE FAIREST AND SMOOTHEST EVENT EXPERIENCE FOR YOU AND OTHERS AS WELL. TO EASE SCRUTINEERING, TWO SCRUTINEERING STEPS WILL BE AVAILABLE IN THE CAMPSITE ON THE 28TH OF JULY:
■ ACCUMULATOR SCRUTINEERING
■ SAFETY EQUIPMENT CHECK

PLEASE PREPARE ACCORDINGLY AND CONSIDER THIS WHEN PACKING YOUR EQUIPMENT!

ARRIVAL TO THE EVENT SITE

Schedule: 28th of July - Sunday (from 18:00 to 22:00)
Location: ZalaZone Entrance

Teams are able to move into the pits from 18:00 PM on 28th of July, which is coordinated by our logistics team based on the scrutineering order, except for teams with priority for static events.
Until the moving in procedure starts, please park your vehicles at the access road of the Campsite to prevent blocking the access road at ZalaZone.
Officials will call all teams through Discord in order to start queuing at the entrance of ZalaZone and wait here until you get permission to enter.

If you're not able to access the event site at once, the officials will show you the place to park your vehicle(s) and wait. With a valid pass and car pass, you can enter ZalaZone and will be guided you to your pit for unpacking.

SAFETY REGULATIONS REGARDING ENTRANCE

Please pay high attention and **DO NOT block any emergency exits of the event**. Please follow our officials' instructions at all times. **DO NOT park your truck at the gates until the officials order you to do so**.
After finishing unpacking, all trucks and cars have to leave the main event area and be parked at the designated parking zones. Please note that for the upcoming event days, cars will be banned from the event site.

Useful contact:
Judit KALMÁR +36 20 489 9808

Teams wishing to move in the pits outside the official time frame must submit a request at the Event Control during its opening hours. Approved move in times are as follows: 12:00 - 13:30 and 18:00 - 20:00.
Submitting a request does not grant immediate permission to begin the move out process. Therefore, we urge all teams to submit their requests in a timely manner. The Logistics Manager will determine the order of the requests, and teams will be notified through the official communication channel when they can start moving in.

PARKING AND VEHICLE PASSES FOR THE EVENT

CAR PASS

All teams have to ask for a Car Pass at the Team Registration (or in case of late registration at the Ticket Center) upon arrival for all vehicles.
The car pass has 4 fields: team name, driver's name, cell phone number and licence plate number.
Each cell has to be filled out during the Team Registration (or in case of late registration, at the Ticket Center).
Teams are allowed to park in the Green Parking Area during the event.

TRUCK DEPO PASS

Additionally teams can obtain a Truck Depo Pass for vehicles that stay permanently at the event site until moving in from the pits. The Truck Parking Area is available for vehicles with Truck Depo Pass only. As it's a closed area, vehicles can only be accessed with an official escort.

In case the vehicle has to leave the Truck Parking Area during the competition days, ask permission from the officials to open the gates. In that case the pass will be permanently revoked.
We kindly ask everyone to follow these guidelines to ensure smooth parking operations during the event.

NOTE: The evacuation route has to be unobstructed all the time, that is why we need to regulate the venue's traffic. Please follow our guides in any case - unloading your vehicles, leaving the venue, moving by car/truck at the venue.

MOVING OUT OF THE PITS

The pits can be unpacked AFTER Endurance on Friday, 2nd of August. Teams who finish the competition can ask our colleagues for help for early unpacking, however the main time slot for moving out of the pits is between 18:00 and 20:00.

Teams wishing to move out the pits outside the official time frame must submit a request at the Event Control during its opening hours. Approved move out times are as follows: 12:00 - 13:30 and 18:00 - 20:00.

Submitting a request does not grant immediate permission to begin the move out process. Therefore, we urge all teams to submit their requests in a timely manner. The Logistics Manager will determine the order of the requests, and teams will be notified through the official communication channel when they can start moving in/out.

All parking areas should be left until 20:00 on Friday, 2nd of August at the latest.
Inside the event area walking speed is the limit for cars too, 5 km/h maximum!

MOVING OUT OF THE CAMPSITE

Teams must notify their intention to move out at the Campsite Reception. The Logistics Manager will determine the exact move-out time, and teams will be informed through the official communication channel or by the logistics staff.

After move-out, the logistics staff will inspect the area for cleanliness. If everything is in order, the deposit will be refunded to the team. The area must be left clean and free of trash. If the area is not clean during the inspection, the logistics staff will request the team to properly clean their area.

DRIVER REGISTRATION

Schedule: 29th of July – Monday, from 8:00
Location: Event Control

All drivers of the team have to be registered at the Event Control from Monday, 29th of July where they have to show their valid driver’s license.
Early registration is available on 28th of July during Team Registration.

ESO REGISTRATION

Schedule: 29th of July – Monday, from 8:00
Location: Event Control

All EV teams and DV teams have to register dedicated members with thorough knowledge about the vehicle’s electrical systems: at least one Electrical Safety Officer person (ESO), and at most 4 more team members who can enter the charging area (altogether maximum 5 people).

The ESOs have to sign the registration document at the Event Control in order to receive ESO wristbands.
The ESOs have to be nominated in advance on login.fseast.eu.

Early registration is available on 28th of July during Team Registration especially for teams participating in Scrutineering at the Campsite on Sunday.

ASR REGISTRATION

Schedule: 29th of July – Monday, from 8:00
Location: Event Control

Autonomous teams have to register dedicated members with thorough knowledge about the vehicle’s autonomous systems: at least one Autonomous Systems Responsible person (ASR), and at most 5 more team members who have to be present whenever the autonomous systems are operated (altogether maximum 5 people).
The ASRs have to sign the registration document at the Event Control from 29th of July.
The ASRs have to be nominated in advance on login.fseast.eu.

Early registration is available on 28th of July during Team Registration.

FIRE EXTINGUISHER

Schedule: 29th of July – Monday, from 8:00
Location: Event Control

For safety reasons you have to pick up a fire extinguisher at the Event Control. The deposit for the fire extinguisher is 100 Euros, which you will get back after finishing the event. The fire extinguishers have to be returned to the Event Control by 19:00, 2nd of August. This is also the time when you get back your deposit for the extinguisher.

TICKET CENTER

Schedule: From 29th of July, 7:00 to 2nd of August 14:00
Location: Zala Zone Main Building

Passes and wristbands that permit entrance to the event site are available at the Ticket Center operating in the ZalaZone Main Building.

EVENT CONTROL

Schedule: From 29th of July, 7:00 to 2nd of August 18:00
Location: Event Site

Event Control is the central contact point for teams and all issues concerning the event.

Event Control provides:

- Information point for all competitors (concerning schedule, general questions etc.)
- Contact interface to the officials
- Registration of the drivers
- Registration of ESOs, ASRs
- Transponder handout point
- Data logger deposit & handout point
- TSAC storage deposit
- Fire extinguisher handout point
- Lost and found

ANNOUNCEMENTS

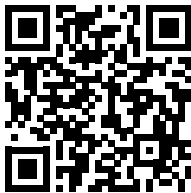
The event will proceed according to the official time schedule as far as possible.
Listen to the announcements on speaker and read them on Discord,
and look out for the placards at the event control for changes in the schedule.
All announcements made through speaker and on Discord are official.

PIT OPENING TIMES & EQUIPMENT

The pits are open on all event days according to times determined in the Event Schedule.
It is not allowed to stay or work in the pits any other periods.
Teams who remove their vehicle (EV and IC) or tractive system accumulator from the competition site after the competition has begun will be disqualified from the competition.
Violation of any of the above rules will result in a disqualification for the whole event.

Leaving the pit in order required by the rules (e.g. storage of Li-Ion Accumulators) is the responsibility of the teams.
Any damage caused by not following the rules of the event or the orders of officials is the responsibility of the respective team.

DISCORD SERVER
OFFICIAL ANNOUNCEMENT
& COMMUNICATION CHANNEL:
[DISCORD.COM/INVITE/UKTJY6PSTR](https://discord.com/invite/UKTJY6PSTR)



PIT EQUIPMENT

In every pit there are regular 230 V AC, 16 A power sockets. During the night the pits are guarded. You can see the pit arrangement on the team list and on the team flags on the pit entrances.

SURVEILLANCE

After closing time, there will be a security company for surveillance of the event site, pits and cars. During the day, the teams are responsible for the security of their car and the equipment in their pit. Do not leave any valuables open in your pit at any time. Security is unable to monitor everything all the time.

TRANSPORTATION BETWEEN THE CAMPSITE AND THE EVENT SITE

Pedestrian traffic is strictly forbidden between the two locations as walking roadside is extremely dangerous! We provide a shuttle bus service, departing from the Campsite in the mornings and from the Event Site in the evenings from July 29th to August 2nd. Please note that the number of rides are limited. A detailed shuttle bus schedule will be available at the locations and online.

TRANSPONDERS AND TIMEKEEPING

CV and EV cars must be equipped with transponders for Endurance timekeeping. DV only vehicles do not require transponders. Transponders are provided by FS East, they can be picked up from Event control on Wednesday (31.07) in exchange for a 50 € deposit.

Do not mount them on your own! Scrutineers will come to your pit on Wednesday evening. The transponder must be mounted in their presence.

Transponders must be returned to event control by 17:00 Friday (02.08) or immediately after the end of Endurance parc-fermé.

DATA LOGGER (EV-ONLY)

Vehicles with EV drivetrain (both manual and DV) must be equipped with a data logger for all dynamic events. Data Loggers are provided by FS East in exchange for a 250 € deposit. First the deposit must be paid at the Event Control then with the receipt the Data Logger package can be picked up at the Technical Inspection Tent. Data Logger is advised to be installed before EV1 technical inspection and it must be installed before EV2 technical inspection.

Data Logger data will be read out by scrutineers during post-inspection. It is the team's responsibility to report at the Technical Inspection Tent by the end of each day if their data was not read out after their run in a dynamic event.

The Data Loggers must be returned at the Technical Inspection Tent after the team's last run in the dynamic in the exact same condition it was received. Making images at the pick up is encouraged. Depending on the returned condition the deposit will be paid back fully or partially at the Event Control.

For more information on the Data Logger Specifications check the fseast.eu website!

CHARGING CONNECTOR AND MAX. POWER

Only 32 and 16 A three phase (5 pin) sockets will be available in the Charging Area.

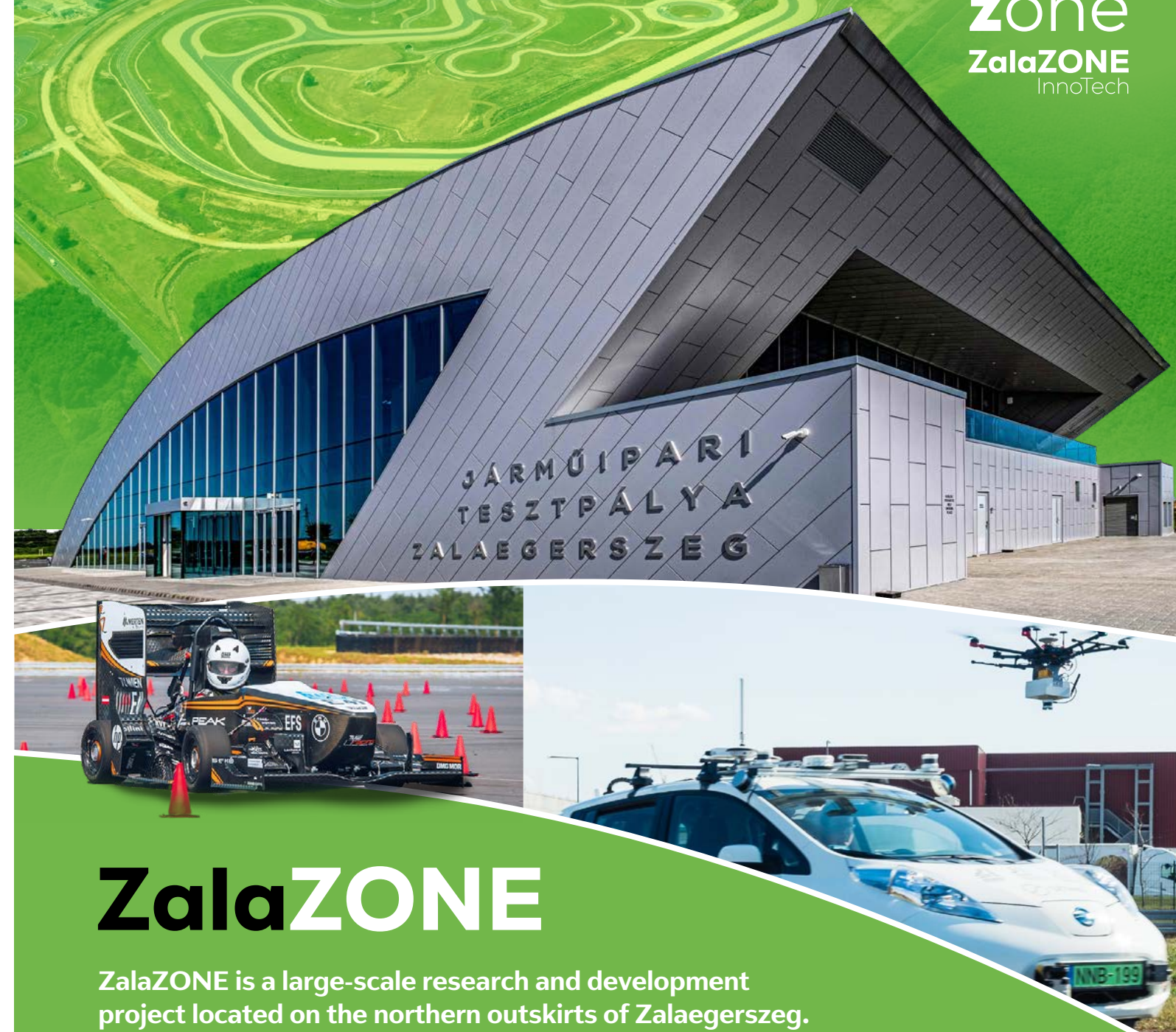
TSAC EVENING STORAGE

A rental fee of 250 Euros (including 27% VAT) must be paid for the container required for the overnight storage of the batteries during the event by each team who wants to use this service. The rental fee of the container must be paid by bank transfer, request a proforma invoice if necessary at hello@fseast.eu.

All teams use the container storage at their own risk and responsibility. When the teams pay the rental fee, they do so in full awareness that the other batteries stored in the same container may pose a danger to their own batteries, for which the organizers cannot take responsibility. If a fire does occur, the organizers try to compensate the affected teams according to the possibilities and depending on the extent of the damage.

ZALAZONE

Where innovation leads



ZalaZONE

ZalaZONE is a large-scale research and development project located on the northern outskirts of Zalaegerszeg.

It is an innovation ecosystem centered around a globally unique automotive test track and the high-tech testing environment built around it. Universities, research institutes, state developers, and private companies collaborate here on automotive, energy, agricultural, and defense-related research projects.



ZalaZONE | Where innovation leads
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MIROSLAV ZONCEVIC

CLAUDE ROUELLE

EUGENIO ALCALA

2024

FSSymposium

15-17th November SAVE THE DATE

Formula Student has always been an educational event with a motorsport theme. Considering this interest, the Audi Hungaria Faculty of Automotive Engineering at Széchenyi István University has been organizing Formula Student Symposium with highly recognized speakers from motorsport for the past couple of years.

FS Symposium offer several event types:

Expert Lecture: Open to all, covers general topics with a Q&A session.

Technical Session: Small group lecture on a narrow topic, focused on in-depth investigation, with questions encouraged.

Workshop: Small group session for collaboration, discussion, and idea sharing with the presenter.

Sympo Stories: Roundtable discussion with a moderator and experts on FS, motorsport, or automotive topics.

Speaker's Corner: Informal reception with food, drinks, and the opportunity to ask F1 engineers and presenters questions or engage in casual chat.

For more information about FSS24 follow our social media sites.

Ticket Ninja



Instagram



LinkedIn



FS EAST CAMP RULES

Those teams who booked their accommodation and intend to stay at the FS East Camp have to accept the following guidelines and rules. We created this list of rules to ensure all the necessary safety and comfort elements for the campers. In emergency cases the event site emergency scenarios are the normatives (see page 2-3). In any urgent cases you can call the emergency numbers.

CHECKING-IN TO THE CAMPSITE

Checking-in to the campsite is handled at the Campsite Reception located at the entrance of the FS East Camp. After a successful registration campers get their wristbands and may proceed to the FS East Camp. Campsite registration is available between 08:00 and 18:00 on Sunday (July 28th), and the rest of the event days for late arrivals. Continuous camp duty - people, who can answer your questions - will be available at the entrance as well.

In case you arrive after the opening hours of campsite registration, call us in advance!

All team members who booked their accommodation at the campsite must show up, sign the check-in form, pay the deposit and agree the FS East Camp Rules in order to access the campsite. We're only able to let in the members of the teams who've already transferred the accommodation fee. Additional team members are able to pay by cash at check-in at the Campsite Reception on July 28th and at the Event Control on the rest of the event days.

RESERVABLE AREA

Based on the number of team members we provide a designated camping area for each team. Larger constructions (e.g. kitchen tents, pools, etc.) must be mentioned in advance in the accommodation booking form or via e-mail at accommodation@fseast.eu. Anything not mentioned in advance will not be granted permission for construction. Installing these constructions is strictly limited to the Grill&Fun Area of the Campsite. Constructions higher than 6 meters are not allowed to be built up on the premises of the campsite.

PARKING IN THE CAMPSITE

The campsite has a separated parking area. Parking is allowed only in the designated area. Please note, that you can't park your vehicles neither in the Grill&Fun Area of the FS East Camp nor between the tents. Only Caravans and cars used for sleeping in are exceptions that have been pre-registered in the accommodation booking form or via e-mail at accommodation@fseast.eu.

ATTENTION: Make sure that your caravan or car is not dropping or flowing. Prevent it!

COOKING, FIRES AND SMOKING

Using open fire (e.g. charcoal, gas stove, firewood) and electric devices for cooking is restricted to the premises of the Grill&Fun area.

NOTE: If you have any cultural or religious objections regarding these rules, please contact us in advance.

Smoking is strictly prohibited in the sleeping area, in all tents, in the parking slots and in the toilet or shower containers.

LI-ION BATTERYS IN THE CAMPING

Maintenance and storage of ANY non-commercial Li-Ion battery unit, or bare battery cells in the camp site is strictly forbidden. If you see any suspicious activity report it to the Officials or Camping Security. Violation of this rule by any means leads to immediate DSQ from the event and ban from the camping.

DRINKS

NOTE: Alcoholic drinks are forbidden at the event site - so just drink as much as you can "sleep out", to be perfectly fit for the next day.

BATHROOMS

We provide separate bathroom containers for male and female participants at the campsite with showers.

POWER SUPPLY

The electric network at the campsite provides electricity for each team to consume, 1x10 A per team. You can also bring your own power supply - in that case you must prepare with one fire extinguisher for each of them.

NOTES

10MM DOTMATRIX

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10MM DOTMATRIX



Autonomous driving is at our heart

HUMDA Lab is a member of the Széchenyi University Group, a research, development and innovation company. Our experts are constantly researching and testing new technical solutions and new technologies in collaboration with international partners. Several projects of HUMDA Lab are related to fundamental research on self-driving algorithms, and we have already achieved a number of outstanding results at international level. In the Abu Dhabi Autonomous Racing League (A2RL), the race of self-driven formula cars, for example, the HUMDA Lab team finished in an outstanding fifth place.

If you're interested in the world of self-driving algorithm development, alternative propulsion systems or simulation platform and e-sport development, send your CV to humdalab@humda.hu.

For more information: www.humdalab.hu

FORMULA STUDENT EAST

2024



BOSCH

Garrett
ADVANCING MOTION



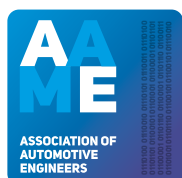
Audi
Hungaria



THANK YOU
FOR YOUR
SUPPORT!

CHANGELOG

Version	Date	Modification	Page
1.0.0	17th of July 2024	Initial release	-
1.1	23th of July 2024	Car numbers changed, event schedule changes on day 4 and 5	4, 12,13



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