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# SURVIVAL GUIDE

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# Introduction

Welcome to Zagreb local EBEC round for season 2022!

We are happy you decided to apply and possibly even win this competition. Unlike last local round, EBEC will again be held live so we can again enjoy the spirit of the competition.

We will do our BEST and make sure that everything goes smoothly accordingly to all epidemiological measures. We decided to put together this Survival Guide to help you with main information about upcoming EBEC. Here you will also find out about the next step after EBEC Zagreb, what will your task be and how to prepare for the competition.

We hope it will answer all of your questions about this competition but if something is not clear please do not hesitate and contact us at [ezdi@best.hr](mailto:ezdi@best.hr).

We wish you the best of luck!  
Organising team EBEC Zagreb

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# EBEC

## STEP 01

EBEC is a team – based competition in 2 categories – Team Design and Case Study. Both categories are based on interdisciplinary tasks developed for students of technology. Each student that comes from a technical university where a Local BEST Group is operating has the right to take part in EBEC.

## STEP 02

The students participating in EBEC are divided into teams of four. These teams choose to compete in one of the two categories: Innovative Design or Case Study. The teams taking part in the Innovative Design category have limited time to come up with new and innovative solution of already existing or completely new proses or product. The solution should have technical, social, environmental, and economic impact. Participants in the Case Study category work on an intensive analysis of a technology problem and come up with detailed suggestions for a solution to the given problem.

## STEP 03

EBEC is organized and coordinated by students that are members of Local BEST Groups around Europe. After the Local round, winners are participating in regional round in Maribor and have a chance to compete further on EBEC Final in Zagreb! BEST (Board of European Students of Technology) is a non-profit, apolitical student organisation that strives to provide high-quality services to students by bringing closer the stakeholders from “students – universities – companies” triangle.

# Important info

STEP  
01

Regional round of EBEC Zagreb will be held on 12th of March. Location is Faculty of Electrical Engineering and Computing.

STEP  
02

Communication with the organizers before the event can be accomplished true ezdi@best.hr mail, direct contact of organizers and social networks. During competition teams will be divided in lodge/boxes to ensure privacy and epidemiological distance.

STEP  
03

You will be competing in teams of 4 members. Each team should have their team name and all the members should have internet connection, otherwise they will not be able to do research for a given topic.

STEP  
04

During the day of selected topic - Innovative Design or Case Study - all team members need to be present during task research time and task presentation.

# Innovative Design

## STEP 01

You and your team will have 8 hours to solve the challenges presented by the BEST Topic representative. The whole team combines their creativity and knowledge to develop new technological designs or improve upon existing ones. Their professional presentation should demonstrate the technical, social, environmental, and economic impact of their design. The goal is not to produce a working device in a limited time, but to show that you are able to create something out of the box to address one need of society not solved yet or improve existing one.

The second challenge: presentation of the solution is also the real-life challenge that students will face when they will pitch their ideas in front of potential investors or funders. It is crucial for them to concisely deliver a convincing message. The prototype (if made) does not need to be fully functional, but rather to illustrate the idea of the future implementation. It can be mechanical, a mockup with modelling software, a minimum viable product, the part of the final product to test something specific, etc. All solutions and ideas after EBEC are teams intellectual property.

## STEP 02

You will need a laptop per table with the capability of connecting to the internet. For presentation, you can use Google Slides, PowerPoint or any other presentation tool that can be open on Google Drive, without needing to download it. Final presentation and task solution send to [ezdo@best.hr](mailto:ezdo@best.hr) with marking "EBEC, 2022 ID - team name".

## STEP 03

All team members should be present during task research and presentation.

# Case Study

STEP  
01

You will have 8 hours to solve a theoretical challenge that will be presented by a BEST Topic representative. The task is oriented around real world problems that impact us every day. The goal of the team should be to find a rational and optimal solution and present it to the jury. All solutions and ideas after EBEC are teams intellectual property.

STEP  
02

You will need a laptop or tablet with the capability of connecting to the internet. For presentation, you can use Google Slides, PowerPoint or any other presentation tool that can be open on Google Drive, without needing to download it. Final presentation and task solution send to [ezdi@best.hr](mailto:ezdi@best.hr) with marking "EBEC, 2022 CS - team name".

STEP  
03

All team members should be present during task research and presentation.

# Time table

Hours	Saturday 12.3.
8:30	
9:00	Official Opening
9:30	CS and ID Topic Presentation
9:45	Case Study / Innovative Design
13:45	Lunch Break
14:45	Case Study / Innovative Design
18:45	Tasks end
19:00	Solution presentation
20:00	CS and ID Winner Announcement



# Jury

## *Case study*

STEP  
01

To be announced  
Company representative

STEP  
02

To be announced  
Academic representative

STEP  
03

Matija Permelić  
BEST representative

## *Innovative Design*

STEP  
01

To be announced  
Academic representative

STEP  
02

Lucija Šarac  
BEST representative

STEP  
03

To be announced  
Company representative

# BEST Zagreb

STEP  
01

BEST Zagreb is a student association that provides students of the University of Zagreb the possibilities of additional professional education, contact with future employers, work in international teams, getting to know European cultures, developing tolerance and improving organizational skills.

STEP  
02

The very beginning of the BEST Zagreb dates back to 1998, when students of Faculty of Mechanical Engineering and Naval Architecture decided to found it. Thanks to a further initiative, BEST Zagreb was officially registered as an association in 1999.

STEP  
03

Today, BEST Zagreb is present at almost all technical and technological faculties of the University of Zagreb and has gained the status of one of the most successful and most active local BEST groups in Europe. Currently, BEST Zagreb has more than three hundred members, of whom over 30 are active members, and the rest are alumni – once students and BEST members, and today successful engineers. Constant contact with alumni allows us to transfer all the knowledge that we are constantly improving and using successfully.

# Organizers

STEP  
01

Antun Matijašec  
Main Organiser

STEP  
02

Alen Komadina  
Responsible for Golden Cogwheel

STEP  
03

Petra Popović  
Responsible for fundraising

STEP  
04

Matej Ivanović  
Responsible for public relations

STEP  
05

Eric Jerman  
Responsible for participants of the competition

STEP  
06

Matea Matić  
Responsible for logistics

STEP  
07

Antonija Babić  
Responsible for design

STEP  
08

Matija Permel  
Responsible for Topic of the competition

STEP  
09

Lucija Šarac  
Responsible for Topic of the competition



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