PyAnsys Codefest Rules

General

- Teams must consist of 1-6 members
- Each team must have a name
- Team members may not change team after the event begins except at the discretion of the organisers
- Teams may attempt both tracks, however they may only enter **one**
- The time allowed to complete the challenges will be 24 hours
    - No additional coding may be performed once this is complete
    - The construction of the presentation slide must also be done in this time
- At the end of the 24 hours there will be a rest period of 30 minutes
    - The presentation & any demos must be set up in this period
- Then judging will begin
    - Judging will last approximately 30 minutes
- Finally winners will be announced and prizes awarded.

Guided Track

The Guided track consists of two sets of starting challenges: the Beginner challenges and the Intermediate challenges. Once these are completed, and verified by a judge, a team may move onto the final open-ended challenge of the track.

Both sets of challenges can be completed in any order except for challenges that require completion of other challenges. However, each challenge set must be verified completed before each team can start work on the next stage.

Although we have assumed you'll work through these in order!

Win Conditions

In order to win the guided track you must complete all the beginner challenges as well as all the intermediate challenges. At the end of the intermediate challenges there is a single open-ended challenge that should be the culmination of everything you'll have done to get there. At the end of the codefest your entry for this challenge will be judged like entries from the "General" track.

I.e.

- You must present your results (or how far you got) in a single slide

If no team makes it to the final challenge then whoever progressed the furthest through the challenges will be crowned victor!0

Judging

You will be judged on your presentsation, the technology you use, the use of PyAnsys, and the "polish" of your entry. There are also bonus prizes available for best team name and best presentation!

Detailed Rules

- A judge must verify your answers are correct before moving from beginner to intermediate
  - Most of the challenges should have clear "clear conditions", however.
  - You need to have your intermediate answers verified before moving onto the final Guided Track challenge.
- Once you complete both the beginner and intermediate challenges you must move onto the final open-ended challenge
  - The quality of this entry is what will be judged!
- If, at any time, you wish to move up to the "Exploratory Track" you may do so, but you can not move back
  - You can only win one track!.
- There should be a single set of answers per team
- If you can't reach a judge to verify your answers for a challenge set, you should assume your work is OK and begin work on the next stage of the track.
  - However, your challenge set answers *must* be verified as soon as you can

Exploratory Track

The Exploratory Track is for teams that have a bit more confidence in their ability! We have provided 5 challenges with varying themes for this track, however, if your team would like to go off and do your own thing then you are free to do so! We are only expecting each team to enter a single project as their entry to this track.

The challenges in this track are also more like "suggestions" than exercises that you must complete. If your team finds they are particularly enjoying one aspect of the challenge you are welcome to flesh that out and not bother with the rest of the challenge. If you manage to do everything in a challenge in the time available you should try to expand your solution even further.

Presentation

- Each team should prepare a single slide to explain their work during the judging phase.
- They should be prepared to present and talk about it
- Demos are encouraged
- Judges may also wish to see the source code
- Your presentation slide must
  - be in English
  - Clearly display your team name
  - Clearly display your project title
  - Clearly display the track you took
  - A mock example is included below
- Slides should be presented "poster-style" on someone's computer
  - "Science Fair"-style
  - informal explanations & discussion
  - one or two judges at a time
  - Demos encouraged

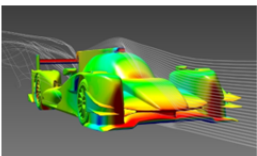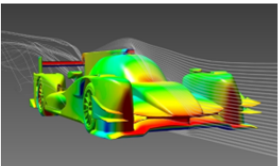## Guided Track: Project Name

Team: The Jepy Council

- Business
- Business
- Business

- Numbers
- Numbers
- Numbers

- Business
- Business
- Business

- Numbers
- Numbers
- Numbers