



Online welcome meeting

4th July 2022

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The I.FAST project

- I.FAST = Innovation Fostering in Accelerator Science and Technology
- <https://ifast-project.eu/home>
- 49 partners (research organizations, industry,...) including: CERN, CNRS (France), University of Oxford and other UK Universities, INFN (Italy), DESY, GSI (Germany), ESI,...
- Gathering top researchers in the field of particle accelerators
- Looking at innovative applications of accelerator technology

I.FAST Challenge Based Innovation



- The aim of the challenge:
- Use accelerator technology to address a given problem:
“Accelerators for the environment”
- Can you suggest innovative use of accelerator technology to address the challenge?

The process



- To help you better understand accelerators and environmental challenges, there will be seminars on both topics.
- There is also some material at <http://www.ifast-cbi.particle-accelerators.eu/material-about-particle-accelerators/>
- Feel free to contact the seminar speakers for additional details about their speech.

The program



- The program is at <https://indico.cern.ch/event/1152425/timetable/#20220726.detailed>
- In addition to the seminars there is:
 - Plenty of time for collaborative work
 - A visit of CERN
 - A visit of Annecy
 - Two “conferences”

Seminars

- There will be 4 online seminars will be organised before the challenge (all at 17:00 Geneva time):
 - Wednesday 6th July, W. Mondelaers,
Small particle accelerators and their applications in medicine and research
 - Wednesday 13th July, Andrzej G Chmielewski
Accelerators for the environment
 - Monday 18th July, Lenny Rivkin
Particle accelerators (general view)
 - Wednesday 20th July, Christophe Goupil
About the Transition
- The program of the online seminars is at <https://indico.cern.ch/category/15281/>
- We are still finalizing the program of the seminars during the I.FAST CBI. See <https://indico.cern.ch/event/1152425/timetable/#20220726.detailed>

Collaborative spirit



- Although this is a challenge, it is important to keep a collaborative spirit between teams.
- In the accelerator world, everyone tries the best for his/her facility but we also go to other facilities to help at critical times.
- If you have information that may be relevant to another team. We encourage you to pass it to them.

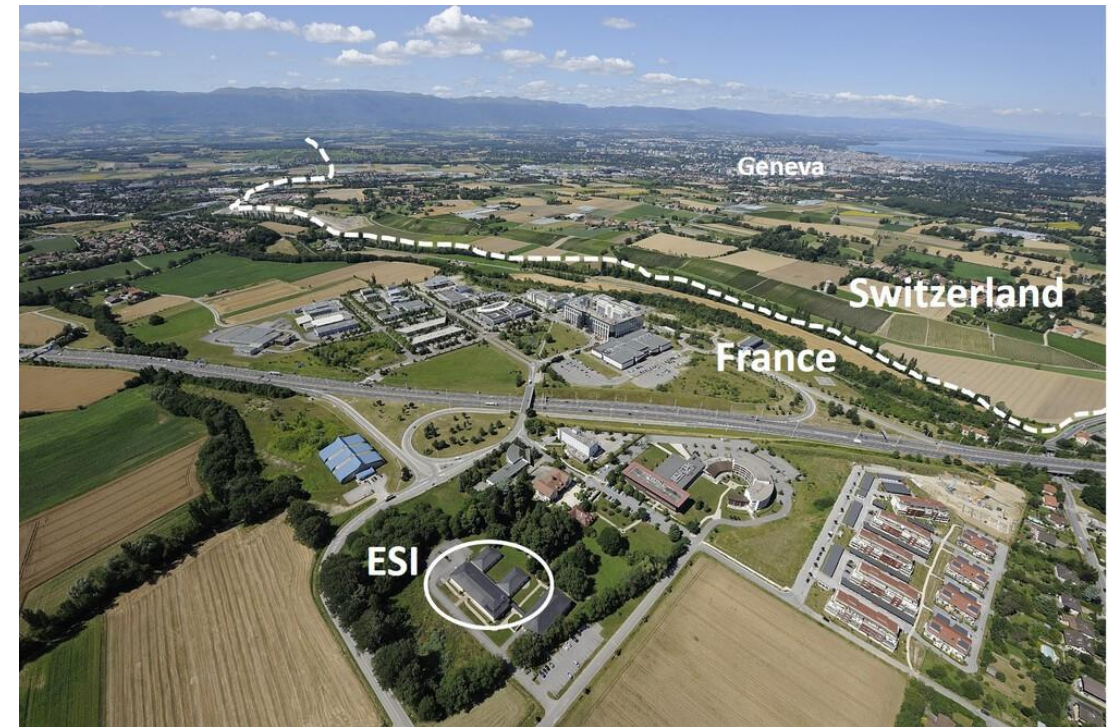
Who are you? / Teams



- You should have received an email with your team number
- Each team is made up of one physicist, one engineer, one accelerator « expert » (physicist or engineer who has already studied or worked with accelerators), one environmental scientist, one lawyer and one student from other fields (business or media studies).
- You will have a dedicated meeting this week to meet your team.

Hosting

- The challenge will take place at the European Scientific Institute (ESI) in Archamps near Geneva:
<https://www.esi-archamps.eu/>
- ESI has strong experience in hosting scientific schools
- The ESI team is taking care of the logistics, accommodation and travel arrangements for the participants.
- Presentation after this one.



Outlook

- Looking forward to the 1st I.FAST CBI in summer 2022!
- See you in Archamps on July 26th!

iFAST



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