WP2: Training, Communications, Outreach

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WP2: Participants

- CERN
- DESY
- CIEMAT
- CEA
- ESI
- GSI
- UU
- CNRS
- INFN
- UO XF

→ 35 person-months committed
WP2: Tasks

• 2.1 Management M1-M48
• 2.2 Communications and outreach M1-M48
• 2.3 Challenge-Based Innovation (CBI) with particle accelerators M1-M24*
• 2.4 Industrial Training associated with Knowledge Transfer M1-M24*

* anticipate continuation until M48
2.1 Management

UOXF (P. Burrows), CERN, CNRS, UU

- Monitor + manage WP/task activities
- Produce periodic and final reports
- Kick-off meeting + regular WP2 task leaders’ meetings

→ Task leaders’ kick-off meeting June 2nd
2.2 Communications and Outreach

*CERN (D. Antonio → A. Le Gall), GSI*

- Create a Communication Strategy and Plan
- Set up the project website
- Produce an internal electronic bulletin
- Provide input and support to Accelerating News
- Organise two Accelerator Communication and Outreach (ACO) workshops to engage the network of communication officers from the major institutes of the European accelerator community

→ hand-over meeting May 5th (see talks of Antoine + Yiota)
2.3 Challenge-Based Innovation

**CNRS (N. Delerue), CERN, UOXF, ESI**

Set up a Challenge-Based Innovation (CBI) scheme, based on the highly successful methodology adopted by the ‘IdeaSquare’ initiative at CERN, focused on the application of particle accelerators to major societal challenges.

Provide a programme in which multidisciplinary student teams and their instructors from European universities can collaborate with I.FAST researchers to develop novel solutions to pressing societal issues.
2.3 Challenge-Based Innovation

Steering Committee (met 4 times March-June):
N. Delerue, P. Burrows, B. Holland, E. Metral, L. Rinolfi, M. Vretenar

• Jan. 2022: call for applications from university students in year 3 → 5
• 3 interdisciplinary teams of 7-8 people to tackle challenge
• Challenge Faculty of coaches and instructors
• Programme will run in summer 2022
• Teams spend ~10 days at ESI/Archamps → presentation at CERN
• Set up a Programme Committee of ~ 12 experts (met June 3rd)
2.3 Challenge-Based Innovation

Topics discussed by Programme Committee:
- Accelerators for food security
- Accelerators for the environment
- Accelerators against global pandemics

→ identify the topic for the 2022 challenge

Next Steering Committee meeting on Monday June 28th
2.4 Industrial Training + Knowledge Transfer

**UU (T. Ekelof), CEA, CERN, CIEMAT, CNRS, DESY, INFN**

Support the training of industrial engineers and technicians at European accelerator laboratories that develop, design and test new advanced technological components for frontline accelerator and magnet research infrastructures.

The proposed scheme will allow a Technology Facility (TF), together with an associated Industrial Company, to request remuneration, travel and subsistence for a typically early-career engineer or technician employed at the Company to work for a given period, from 2 weeks to 3 months, at the TF.
2.4 Industrial Training + Knowledge Transfer

• With input from WP3,13, setting up a Selection Committee of experts
• Drafted a call for applications; proposals should specify:
  a) the project and the technology
  b) how this work will lead both to training of the engineer or technician and transfer of knowledge of new component technology from the Technology Facility to the Company
  c) how the Company intends to make use of the knowledge thus acquired for its business
• The terms of the training will be regulated through a written agreement between the TF and the Company
WP2: Deliverables

• **D2.1**: Communication strategy
  
  *Report on the I.FAST communication strategy and plans*  
  M6

• **D2.2**: Challenge-Based Innovation scheme
  
  *Report on CBI implementation and outcomes*  
  M24

• **D2.3**: Industrial training scheme
  
  *Report on industrial training scheme outcomes*  
  M24
WP2: Summary

• All task activities have started well

• We welcome interest from ALL interested institutes and individuals

• We look forward to delivering the iFAST goals!