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I.FAST first Accelerator-Industry Co-Innovation Workshop

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iFAST



Warmest welcome

to the first I.FAST Accelerator-Industry Co-innovation Workshop

on behalf of the I.FAST project

First opportunity to bring together in an **open and inclusive meeting** the two key components of the **I.FAST** community: **researchers and industry**

Why Co-Innovation ?

- I.FAST aims at **co-innovation**, common development of technologies and free sharing of ideas with industrial partners participating in the R&D.
- The idea is that industry is not a **simple supplier**, but contributes to the innovation process **from the early stages**: participation in the definition of R&D roadmaps, direct involvement in design and prototyping from the low TRL stages.
- **Advantages**:
improve quality and performance and reduce cost for R&D products.
- **Challenges**:
sharing of R&D costs and risks, IP protection, keep competition.
- **Priority**:
creating a community between accelerator builders and their industrial partners, **based on mutual trust and appreciation**.

Goals of the workshop

- provide an overview of the **major project developments with accelerators**, both in Research Institutions worldwide, as well as in specific application fields (e.g. medical sector)
- make the European **Industry** at large aware of the specific **developments** in Accelerator-related technology being pursued in I.FAST
- provide information on opportunities of industry engagement in I.FAST, e.g.:
 - **Innovation Fund**
 - **Ind. Training program**
- discuss how to **develop further and consolidate the co-innovation model** how to develop further and consolidate the co-innovation model

Structure of the Co-Innovation WS (I)

- First day: the general topics
 - a journey through the **hot topics** driving the current cutting edge accelerator R&D programs and the **opportunities for co-innovation** with industry
 - broken down by technologies
 - **sustainability** as a stimulus for innovation in accelerator design, construction and operation
 - **experiences, results and perspectives** in **co-innovation**
 - industry as **technology innovators**
 - **European Commission support** for co-innovation in accelerator R&D program
 - the **industry point of view** on various aspects of Co-Innovation

Co-Innovation WS structure (II)

- Second day: a look at how I.FAST **is implementing the Co-Innovation concept**
 - an industry-focused program on the first day of I.FAST's annual meeting
 - general presentations in the morning, including those outlining opportunities also open to companies not yet involved in I.FAST:
 - **Internal Innovation Fund**: competitive call for innovation-oriented projects in collaboration with industry
 - **Traineeship Programme for industry personnel** at European Accelerator Laboratories
 - Reports of a sample of innovative developments realized by some of the I.FAST Work Packages, in the afternoon

Active participation in the workshop

- we have reserved time at the end of the morning and afternoon for **questions, comments, contributions** from the audience
- this is not a conference, it's a **workshop**, aimed therefore at triggering the discussion, so don't hesitate to bring on the table your ideas and suggestions
- to obtain further information from the speakers on topics that might not be of general interest, please send a message to **ifast-wp3@cern.ch**
- all the presentations will be available on the public Indico web page

Let's start !