WP4: Relation with Industry

Agenda

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DESY

Advanced european Infrastructures for Detectors at Accelerators

Name	E-mail	Affiliation
Ivan Vila Alvarez	vila@ifca.unican.es	IFCA
Tome Anticic	anticic@irb.hr	Rudjer Boskovic Institute
Thomas Bergauer	thomas.bergauer@oeaw.ac.at	OEAW
Marco Bomben	marco.bomben@lpnhe.in2p3.fr	IN2P3
Vincent Boudry	vincent.boudry@in2p3.fr	IN2P3
Richard Brenner	Richard.Brenner@cern.ch	Univ. of Uppsala
Massimo Caccia	massimo.caccia@uninsubria.it	Univ. of Insubria
Gianluigi Casse	gcasse@liv.ac.uk	Univ Liverpookl
Marcos Fernandez Garcia	Marcos.Fernandez@cern.ch	IFCA
Christina Merino Fernandez	cristina.merino@ific.uv.es	CSIC
Sotirios Fragkiskos	sotirios.fragkiskos@cern.ch	student WP4
Evangelos Gazis	Evangelos.Gazis@cern.ch	NTUA
Jasu Haerkoenen	Jaakko.Haerkoenen@cern.ch	HIP
Antti Heikkila	Antti.Heikkila@cern.ch	CERN
Hartmut Hillemanns	Hartmut.Hillemanns@cern.ch	CERN
Jean-Marie Le Goff	Jean-Marie.Le.Goff@cern.ch	CERN
George Mikenberg	Giora.Mikenberg@cern.ch	Weizmann
Hans-Guenther Moser	moser@mpp.mpg.de	Max-Planck Gesellschaft
Andrey Nomerotski	a.nomerotski1@physics.ox.ac.uk	UOXF
Lorenza Paolucci	lorenza.paolucci@uninsubria.it	Univ. of Insubria
Valerio Re	valerio.re@unibg.it	Univ. of Bergamo
Laurent Serin	lserin@admin.in2p3.fr	IN2P3
Steinar Stapnes	Steinar.Stapnes@cern.ch	CERN
Maxim Titov	maxim.titov@cea.fr	CEA
Erik Van Der Kraaij	Erik.Van.Der.Kraaij@cern.ch	CERN
Ivan Vankov	Ivan.Vankov@cern.ch	INRNE BAS
Ole Vatsvag	ole.vatsvag@cern.ch	student WP4
Marcel Vos	marcel.vos@ific.uv.es	IFIC
Henric Wilkens	Henric.Wilkens@cern.ch	CERN

- Feedback from AIME on PSSSD
- Technology topic for next event
- Event follow-up

- **From Industry to Academia:**
  - Timeline of projects missing
  - Budget estimates missing
  - Focus more on future developments, rather than on existing installations
  - Separate sessions for pixel and strip detectors
    (no talk from ATLAS about strips or from CMS about pixels)
  - More demonstrators from academia were expected

- **From Academia to Industry:**
  - Invite more companies
  - More presentations on sensor developments
  - Technical presentations on companies' capability on the targeted topic, rather than general ones

- General comments:
  - More participation from other research disciplines and invite more Companies
  - Some talks were less focused
    - Ensure that speakers are fully aware of the targeted audience
  - Mix industry and academia presentations over the two days
  - Foster discussions by:
    - Keeping booths and presentations in the same place
    - Longer coffee breaks
    - Keeping dinner next to booths

- Topics
  - Optoelectronics, optolinks, energy transport on optolinks
  - HEPTech organized events on MPGDs (April 26th, 27th IN2P3/LAPP in Annecy, France)
- Call for assistance to organize the event
- Targeted date: just before the next AIDA plenary meeting
- Other technology topics in the pipeline?
  - CO_2 Cooling, 3D

- An inventory of the companies and institutions active on a technology topic is not sufficient
- Need to **track** R&D Collaborations related to technology topics:
  - Before the event
    - to provide an overview of the situation in Academia and research
  - After the event
    - to spot new collaborations
    - to trace the evolution of existing ones
- Follow-up should survive the AIDA project
- This information could be useful to:
  - Academia
  - Industry
  - TT Offices
  - Purchasing officers

- How to discover a technological landscape?
  - Collaborative Network Analysis

AIDA

- Selection of key technologies

- Present Collaborations

- Evolution of present collaborations over time

- Using time information to
  - spot new collaborations
  - trace the evolution of existing ones