AIDA-2020
WP2: Innovation & Outreach

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This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 654168.
Objectives

- Scientific Coordination
- Communication, dissemination and outreach
- Industrial relations and technology transfer
- Management of the Proof-of-Concept (PoC) fund
- Pre-industrialisation of large area silicon detectors
• Academia meets Industry Symposium
• Why on Non-Destructive Testing?

• Market study:
  • 2016: 15 billions $
  • GR: 8-10 %

• Technologies used in NDT:
  • X-ray technologies (closed to HEP)
Task 2.3 Industrial relations and technology transfer

- Academia meets Industry Symposium

Diagram:
- Detectors
- Sources
- Integrators
- Producers
- End users
• Key elements

• 12 companies with a booth (+140%)

• 18 speakers:
  • 4 from academia (-60%)
  • 14 from industry (+100%)
Task 2.3 Industrial relations and technology transfer

• From academia:
• From industry:
• 87 participants (+45%) from 18 countries
  • 31 from industry
  • 56 from academia
• Academia meets Industry Symposium

• B2B meetings:
  • 11 meetings organized industry-industry
  • 7 meetings organized industry-academic
  • 1 meeting organized Academia-Academia

• + All the discussions during coffee breaks and networking event
• How to measure the impact of an Academia meets Industry?

• Feedback:
  • Online survey available
  • Interview will be schedule with the industrial speakers in September as a follow-up.
  • Numbers of contract in discussion and /or signed thanks to the event
• How to improve the KT/TT from AIDA2020 to Industry?
  • Prepare a value proposition of what is unique in each WP:
    • 1slide to explain what is done or what is the specific know-how developed in AIDA2020, what is in it for Industry and the type of industry that might be interested.
• Why should we start this activity?
  • To show EC that we understand the requirements to work closer to industries
  • Having a set of slides to be presented to industry to partner for the next project
  • Having a set of slides to be presented to industry during the next BSBF
Objectives of PoC:

- General field of detector development
- Collaborative project industry oriented
- Bringing technologies closer to the market

→ Impact beyond high energy physics
3 projects funded:

<table>
<thead>
<tr>
<th>Budget €</th>
<th>Title</th>
<th>Lead Institute</th>
<th>Partners</th>
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<tbody>
<tr>
<td>45,600 €</td>
<td>Silicon-based Microdosimetry System for Advanced Radiation Therapies</td>
<td>Instituto de Microelectronica de Barcelona</td>
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<td>74,825 €</td>
<td>Advanced Through Silicon Vias for Pixel Detectors</td>
<td>University of Bonn</td>
<td>Fraunhofer IZM</td>
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<td>66,641 €</td>
<td>RaDoM</td>
<td>CERN</td>
<td>Politecnico di Milano, Mi.am</td>
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Milestones since last annual meeting:

• **MS45**: 1st AIDA-2020 “Academia meets Industry” event (M24)
• **MS71**: Progress review of the selected projects(s) for the PoC Fund (M34)
• **MS79**: 2nd AIDA-2020 “Academia meets Industry” event (M36) - in progress
• Follow-up PoC projects
• Prepare value proposition with WP leaders and TTOs