News on Task 15.2: Improvements of test beam infrastructure for high precision tracking

Dreyling-Eschweiler, Jan (DESY)

16 January 2018

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This work is part of AIDA-2020 Work Package 15: Upgrade of beam and irradiation test infrastructure.


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News on Task 15.2: Improvements of test beam infrastructure for high precision tracking

Jan Dreyling-Eschweiler (DESY)

WP15 Meeting at BTTB6, 16th January 2018
• Milestone and delivery done
• AZALEA was installed in September 2016

<table>
<thead>
<tr>
<th>MS32</th>
<th>Pixel telescope hardware assembled</th>
<th>15</th>
<th>M18</th>
<th>31/10/2016</th>
<th>Achieved</th>
<th>Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>D15.1</td>
<td>CERN pixel beam telescope for the PS</td>
<td>WP15</td>
<td>M24</td>
<td>27/03/2017</td>
<td>Achieved</td>
<td>Report</td>
</tr>
</tbody>
</table>

**Scientific/Technical Note**

Checklists for using and maintaining EUDET beam telescopes

Dreyling-Eschweiler, Jan (DESY) et al

06 March 2017

**Portal of documentation**

• telescop.es.desy.de
Summary: AIDA2020 supported telescopes

- **CALADIUM** @ SLAC
  in Stanford, USA

- **DATURA** @ TB21

- **DURANTA** @ TB22

- **AZALEA** @ PS, T10

- **AIDA** @ SPS, H6B

- **ACONITE** @ SPS, H6A

- **ANEMONE** @ BONN / ELSA

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- Henric Wilkens (SPS/PS contact)
- André Rummler (Telescope contact)
- Carsten Hast
- Daniel Elsner (TB contact)
- David-Leon Pohl (Telescope contact)

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**TB contact:**

- Ralf Diener
- Norbert Meyners
- Marcel Stanitzki
- Hendrik Jansen
- Jan Dreyling-Eschweiler

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**January 16, 2018**

**Task 15.2:** Improvements of test beam infrastructure for high precision tracking (Jan Dreyling-Eschweiler)
• “History” and overview talk on Wednesday at BTTB6

Common beam telescopes, DAQ and reconstruction tool - evolution of EUDET-type telescopes and future plans
Dr. Jan DREYLING-ESCHWEILER
Zurich, Switzerland
13:40 - 13:55

• Discussion for JRA and query user needs on BTTB Forum on Wednesday

Forum JRA Beam telescope 2025
Zurich, Switzerland
18:15 - 19:15

• Proposal for a future WP:
  Now: High-precision → done and okay
  Future: increase track efficiency → improve time-resolution