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| european-xfel-logo-497x497 | Technical Meeting |
| Meeting Minutes |

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| Chair | Tobias Haas | Date | 6 January 2012 |
| Location | AER19/2.26 | Time | 9:00 |
| Attendees | Andreas Schwarz, Serguei Molodtsov, Anders Madsen, Michael Meyer, Harald Sinn, Joachim Pflüger, Joachim Schulz, Tobias Haas | | |
| Absent |  | | |
| Distribution | Christian Bressler, Jan Grünert, Tobias Haas, Markus Kuster, Max Lederer, Anders Madsen, Adrian Mancuso, Michael Meyer, Serguei Molodtsov, Joachim Pflüger Joachim Schulz, Andreas Schwarz, Harald Sinn, Thomas Tschentscher, Chris Youngman | | |

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| Item 1 | Old Action Items |

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| Topic | Layout of MID (SASE2) |
| Action | MID (SASE2) layout needs to be redone |
| Result | A new layout for SASE2 was provided (see transparency by A. Madsen) that keeps the crane area free and minimizes the overlap with the neighbouring area. |
| STATUS | Closed |

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| Topic | Media distribution on hall pillars | | |
| Description | Media distribution on hall pillars is currently shown to extend all the way to the all floor. Is this correct? | | |
| Action | Find out more details about media distribution on Pillars | | |
| STatus | Open | | |
| Who | T. Haas | When | 20 January 2012 |

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| Topic | Laser pick up in SCS | | |
| Description | Where is the laser pick up point in SCS? | | |
| Action | Define the laser pickup point in SCS | | |
| STATUs | Open | | |
| Who | S. Molodtsov | When | 20 January 2012 |

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| Topic | DAQ and Control racks | | |
| Description | Layout for DAQ and Control racks needs to be defined and integrated into instruments. | | |
| Action | Produce a first layout for DAQ and control racks. | | |
| status | Open | | |
| Who | C. Youngman | When | 20 January 2012 |

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| Topic | Beam line separation |
| Description | The distance between the center and one of the branch beam lines could be increased from 1.4 m to maximally 2.4 m. H. Sinn presented several points to consider for the hard X-ray beam lines. This would entail introducing an upper cut off on the photon energy around 12keV. Alternatively, metal-coated mirrors could be used, which introduces a higher risk. The ramifications need to be considered by the respective instrument scientists. Considerations for the soft X-ray beam line will be presented later. |
| Action | Instrument scientists to decide whether they can live with reduced energy range/additional risk |
| result | The instruments on the hard X-ray beam lines cannot accept a reduced energy range or additional risk. For this reason the beam line separation cannot be increased. The situation is still open for the soft X-ray beam line. |
| STatUS | Closed |

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| Item 2 | XHEXP1 Floor Allocation |

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| Presenter | C. Youngman | Time |  |

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| Topic | Maximum cable length | | |
| Description | Initial specification for cable length from detectors to DAQ racks was 5m. This can probably be increased but tests are required. | | |
| Action | Perform tests of maximum cable lengths | | |
| Who | C. Youngman | When | 3 February 2012 |

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| Topic | Beam line separation for SASE 3 | | |
| Description | Increasing the separation of the SCS branch in the SASE3 beam line may be possible | | |
| Action | Find out what the limitation and risks are of increasing the beam line separation for SCS | | |
| Who | H. Sinn | When | 20 January 2012 |

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| Item 3 | Topics for future discussions |

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| Presenter | T. Haas | Time |  |

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| Topic | Labs in XHQ | | |
| Description | Lab planning needs to be revisited for XHQ with the goal of finalizing the requirements very soon. | | |
| Action | Circulate current lab floor layout and requirements document | | |
| Who | T. Haas | When | 20 January |

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| Topic | Experiment Interlock in XHEXP1 | | |
| Description | What system will be used for the experiment interlock system and who will plan/build it. | | |
| Action | Clarify who will be responsible for the hutch/instrument interlocks | | |
| Who | T. Haas | When | 20 January |
|  | Next Meeting: 20 January 2012 | | |