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

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| Chair | Tobias Haas |  Date | 9 December 2011 |
| Location | AER19/2.26 |  Time | 9:00 |
| Attendees | Adrian Mancuso, Serguei Molodtsov, Anders Madsen, Michael Meyer, Jan Grünert, Max Lederer, 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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| ITEM  | Floor Flatness | Status  | Closed (9 December 2011) |
| TExT | * 1mm/10m required for each experimental area separately.
* Final floor will be brought in after XHQ load is there
* Sag expected from XHQ is less than 1mm (Source: P. Dost)
 |
| ITEM  | Width of transport paths | Status  | Closed (9 December 2011) |
| TExT | * There is no objection to reducing the width of the transport paths from the point of view of safety down to the legal 80cm.
* A Minimum of 2.5m should be kept along the W-wall
* The width of the transport path along the N and S walls should remain 4 m
* The crane area in the SW corners needs to be kept free
* The path between SASE1 and SASE3 should be kept free as planned now
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| ITEM | Space for DAQ | Status  | Open  |
| TExT | A summary of the needs for DAQ and control was provided by C. Youngman. This needs to be integrated into the experimental area layout. |
| ITEM | Space of laser hutches | Status  | Closed (9 December 2011) |
| TExT | A layout of the experimental area in SASE1 and SASE3 was provided by M. Lederer. It no longer overlaps with the transport path between SASE1 and SASE3 |
| ITEM | Laser beam line concept | Status  | Closed (9 December 2011) |
| Text | A laser beam line concept was provided by M. Lederer for all three beam lines.  |
| Item | Distance between beam lines |  | Open |
| Text | 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. |

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| Item 2 | XHEXP1 Floor Allocation |

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| Presenter | All | Time |  |

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| Topic  | Layout of MID (SASE2)  |
| Description | Current layout of MID (SASE2) overlaps with crane area which needs to be kept free. |
| Action | MID (SASE2) layout needs to be redone |
| Who | A. Madsen | When | 6 January 2012 |

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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 |
| Who | T. Haas | When | 6 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 |
| Who | S. Molodtsov | When | 6 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  |
| Who | C. Youngman | When | 6 January 2012 |

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| Topic  | Beam line separation |
| Description | For text see above. |
| Action | Instrument scientists to decide whether they can live with reduced energy range/additional risk |
| Who | C. Bressler/T. Tschentscher | When | 6 December 2012 |

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| Item 3 | Access for Installation and Maintenance |

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| Presenter | All | Time |  |

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| Topic  | Access to tunnels and experimental areas |
| Description | Components in tunnels and in experimental areas have to be readily accessible during maintenance and possibly for replacement. It is not clear that this is warranted after installation |
| Action | An installation and transport concept needs to be developed |
| Who | T. Haas | When | 31 March 2012 |

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|  | Next Meeting: 6 January 2012 |