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

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| Chair | Tobias Haas |  Date | 13 April 2012 |
| Location | AER19/2.26 |  Time | 9:00 |
| Attendees | Andrew Aquila, Tobias Haas, Harald Sinn, Chris Youngman, Nicola Coppola, Andreas Schwarz, Christian Bressler, Anders Madsen, Max Lederer, Michael Meyer, Thomas Tschentscher, Nadja Reimers, Sigrid Kozielski, Andreas Galler, Max Lederer |
| Distribution | Andrew Aquila, Christian Bressler, Nicola Coppola, Martin Dommach, Andreas Galler, Jan Grünert, Jens Buck, Tobias Haas, Sigrid Kozielski, Markus Kuster, Max Lederer, Anders Madsen, Adrian Mancuso, Jochen Metzen, Michael Meyer, Serguei Molodtsov, Joachim Pflüger Carola Schulz, Joachim Schulz, Andreas Schwarz, Harald Sinn, Thomas Tschentscher, Chris Youngman |

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| Item 1 | Old Action Items |

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| Topic  | Lab Access |
| Description | Labs should have doors to the outside to move in bulky pieces of equipment |
| Action | Include doors to the outside in the floor plan where possible |
| result | This request is not reasonable:* Due to the terrain structure this is not possible for many labs
* The corridors in the current planning have been made wider, so it is not even necessary
 |
| status | Closed |
| Who | J. Metzen | When | 13 April |

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| Topic  | All labs |
| Description | Are all labs requested actually included in the floor plan |
| Action | Circulate floor plan and current state of lab list and check plan against list |
| result | The plan will be circulated around 18 April after the final meeting with the lab planners |
| status | Open |
| Who | C. Schulz/J. Metzen | When | 27 April |

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| Topic  | Power in the SPB Optics Hutch |
| Description | The power requirements in the SPB optics hutch needs to be specified |
| Action | Write down power in the optics hutch |
| result | A schematic of the equipment in the optics hutch was supplied by A. Aquila. From this the power can be estimated. |
| status | Closed |
| Who | A. Aquila |  | 13 April |

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| Topic  | Consistency of power numbers |
| Description | Need to check that the power numbers from A. Aquila and C. Youngman are consistent. |
| Action | Compare A. Aquila’s and C. Youngman’s power numbers |
| result | Consistency was established between A. Aquila and C. Youngman. The detailed numbers can be found in the slides by C. Youngman.  |
| status | Closed |
| Who | A. Aquila/C. Youngman |  | 13 April |

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| Topic  | DAQ and Control needs |
| Description | The DAQ and control needs need to be estimated for all instruments |
| Action | SPB will be used as a model for the hard X-ray beam lines. SQS will be evaluated next in order to also get a reasonable estimate for the soft X-ray beam lines |
| result | The work has started. First results are expected in the next meeting |
| status | Open |
| Who | M. Meyer/C. Youngman |  | 27 April |

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| Topic  | Beam port Allocation |
| Description | The beam port allocation of FXE and MMM may need to be reviewed |
| Action | The pros and cons of switching FXE and MMM on the respective side beam lines is to be reviewed by:* Making a 3D model of a mirror-imaged assignment in order to identify space problems
* Discussing the advantages and disadvantages for FXE on the two respective beam lines

A decision on the beam port allocation will be taken during the next Technical MeetingA 3D model for a mirrored layout was shown. The experimental areas are not symmetric with respect to the central beam line but with respect to the tunnels. Therefore the mirrored design has less space for the laser hutch and the instrument on the North beam line. This effect is exacerbated by the fact that in SASE3 the situation is reversed. |
| status | Open |
| Who | T. Haas, C. Bressler, H. Sinn, T. Tschentscher |  | 27 April |

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| Item 2 | Experimental Hall Floor |

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| Presenter | C. Youngman | Time |  |
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| Topic  | SPB power and ventilation requirements |
| Description | The numbers for power and ventilation requirements for SPB are now fairly solid |
| Action | The numbers need to be reviewed by TC for * Consistency
* Necessary safety factors
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| status | Open |
| Who | T. Haas/C. Youngman/A. Aquila |  | 27 April |

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| Item 3 | Cost of Instrument Infrastructure |

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| Presenter | T. Haas | Time |  |
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| Topic  | Cost of instrument infrastructure |
| Description | A first itemized list of instrument infrastructure by C. Bressler with rough cost estimates by TC was shown |
| Action | Identify who is responsible for what and find out what has already been costed where  |
| status | Open |
| Who | T. Haas/Instrument Scientists |  | 27 April |

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Next Meeting: 27 April 2012 |