**Preliminary Design Review of the CBM dipole**

**GSI Darmstadt, November 18-19 2019**

**Draft Agenda**

Location: KBW Annex Room / Seitenraum Hörsaal

Monday, November 18, 2019

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| 09:00 | | Status of the work, Design changes since May 2018 | | A.Bragin |
| 10:00 | | Iron yoke and support design, iron data | | M. Kholopov |
| 11:00 | | magnetic field calculation results | | A. Bragin |
| 11.45 | | Coffee break | |  |
| 12:00 | | Sc cable design and status, coil design and manufacturing, mockup results | | A.Bragin |
| 13:00 | | Lunch | |  |
| 14:00 | | Structural analysis of coil and cold mass, choice of 2 support designs | | A.Bragin, K. Dermati |
| 15:00 | | Thermosyphon cooling, cryostat design(including busbars and current leads) and heat loads | | A. Bragin |
| 16:00 | | Coffee break | |  |
| 16:15 | | |  | | --- | |  |   Cooling regimes (cooldown, operating, quench, warm up), safety considerations | | A. Bragin |
| 17:15 | | |  | | --- | |  |   Design of cryogenic system (branch box, feed box, transfer line), interface to cryogenic control | | M. Kholopov |
| 19:00 | Dinner | |  | | |

Tuesday, November 19, 2019

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| 9.00 | Results of quench calculations | A. Bragin |
| 9:30 | Power Converter and quench protection system | A. Erokhine |
| 10:30 | Power converter control, instrumentation, quench detection | A. Volkov, A. Bragin |
| 11:00 | Coffee break |  |
| 11:15 | Assembly, survey, alignment | M. Kholopov, A. Bragin |
| 12:15 | FAT/SAT | A. Bragin |
| 13:00 | Discussion/Lunch |  |