

Future Circular Collider Study Kickoff Meeting

Friday 14 February 2014

Hadron collider design (+ SC magnet technology + injectors) - Second floor - M2 160 (14:00-18:00)

-Conveners: Daniel Schulte

| time | [id] title | presenter |
|-------|--|--------------------------|
| 14:00 | [64] Introduction | SCHULTE, Daniel |
| 14:15 | [60] Potential activities in TEMF, TU-Darmstadt | PETROV, Fedor |
| 14:25 | [62] Potential contributions of the John Adams Institute | SERYI, Andrei |
| 14:35 | [115] Potential UK Contributions | CHATTOPADHYAY, Swapan |
| 14:45 | [61] Technical Challenges and Breakthroughs for the FCC-hh | Dr JIMENEZ, Jose Miguel |
| 15:05 | [63] First look at performance for Pb-Pb and p-Pb collisions and required R&D | SCHAUMANN, Michaela |
| 15:15 | [116] Round the table | |
| 15:35 | Coffee break | |
| 16:05 | [71] LTS and HTS material issues for 16 to 20 T applications | LARBALESTIER, David |
| 16:25 | [85] Material R&D towards superconductors for the 16 T horizon, and 20 T horizon | BALLARINO, Amalia |
| 16:35 | [72] Overview of HiLumi LHC Low-beta quadrupoles and FRESCA2 | FERRACIN, Paolo |
| 16:45 | [73] 11T experience | KARPPINEN, Mikko |
| 16:55 | [74] SC magnet developments towards 16 T Nb3Sn dipoles | GOURLAY, Stephen |
| 17:05 | [75] Design options for the 15-20 T range | TODESCO, Ezio |
| 17:15 | [76] Low cost magnet design | MCINTYRE, Peter |
| 17:25 | [84] Injector magnet considerations | MILANESE, Attilio |
| 17:35 | [113] Insertion Magnet Challenges | Dr TOMAS GARCIA, Rogelio |
| 17:45 | [118] Round the table for magnets | |