



# 'Physics at the Terascale' Kick-off Workshop

## Tuesday 4 December 2007

### LHC-D parallel session: BSM - Sem.R. 4a (12:40 - 17:00)

| time  | [id] title                                                                                 | presenter               |
|-------|--------------------------------------------------------------------------------------------|-------------------------|
| 12:40 | [37] Narrow-width approximation for BSM physics: limitations and improvements              | Dr KAUER, Nikolas       |
| 12:55 | [38] Mini Black Holes in ATLAS                                                             | LENDERMANN, Victor      |
| 13:10 | [39] LFV tau decays at the LHC                                                             | O'LEARY, Ben            |
| 13:25 | [40] Electroweak contributions to squark production                                        | KIM, Jong Soo           |
| 13:40 | [41] Electroweak NLO Contributions to Top-Squark Pair Production at the LHC                | TRENKEL, Maike          |
| 13:55 | [72] SUSY QCD corrections to squark loops in Higgs boson production via gluon gluon fusion | MUEHLLEITNER, Margarete |
| 14:10 | [42] SUSY searches at CMS in the fully hadronic channel                                    | Dr SANDER, Christian    |
| 14:25 | [44] Data driven estimation of SUSY backgrounds                                            | ZHURAVLOV, Vadym        |
| 14:40 | [45] Searches for SUSY and Beyond using leptons in CMS                                     | TEYSSIER, Daniel        |
| 14:55 | [46] Search for SUSY with ATLAS                                                            | KUMMER, Christian       |
| 15:10 | Coffee break                                                                               |                         |
| 15:30 | [47] Constraints on the Lightest Neutralino Mass                                           | KITTEL, Olaf            |
| 15:45 | [48] Neutralino Mass Measurement in Dilepton Final States at CMS                           | MOHR, Niklas            |
| 16:00 | [49] SUSY in tau-lepton final states                                                       | WIENEMANN, Peter        |
| 16:15 | [50] Update on SFitter                                                                     | ZERWAS, Dirk            |
| 16:30 | [51] Discussion                                                                            |                         |