

QCD@LHC 2016

Monday 22 August 2016

Heavy quarks - SOE-E-2 (14:30 - 18:10)

-Conveners: David Heymes; Carlos Lourenco; Ivan BELYAEV

| time | [id] title | presenter |
|-------|--|---------------------------|
| 14:30 | [41] Top quark mass determination from the energy peaks of b-jets and B-hadrons at NLO QCD | FRANCESCHINI, Roberto |
| 14:55 | [42] Single top quark production cross section and properties with ATLAS | STAMM, Soren |
| 15:20 | [43] Single top quark production with CMS | KOMM, Matthias |
| 15:45 | [44] The Matrix Element Method at next-to-leading order QCD for single top-quark production at the LHC | MARTINI, Till |
| 16:05 | break | |
| 16:30 | [45] Top quark pair production in association with a jet with NLO QCD off-shell effects | HARTANTO, Heribertus Bayu |
| 16:50 | [46] Top quark pair production cross section measurements with CMS | KRINTIRAS, Georgios |
| 17:15 | [47] Top quark pair production and properties with ATLAS | LIE, Ki |
| 17:40 | [135] NLO EW corrections to off-shell top quark pair production | PELLEN, Mathieu |

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Heavy quarks: Heavy quarks - SOE-E-2 (14:30 - 18:25)

-Conveners: David Heymes; Carlos Lourenco; Ivan BELYAEV

| time | [id] title | presenter |
|-------|---|--|
| 14:30 | [49] LHCb results on associated production of heavy hadrons | BELYAEV, Ivan |
| 14:55 | [50] Measurements of heavy flavour production directly or in association with W and Z bosons with ATLAS | CHIODINI, Gabriele CHIODINI, Gabriele |
| 15:20 | [51] Transverse-momentum resummation for heavy-quark production at hadron colliders | SARGSYAN, Hayk |
| 15:45 | [54] Recent NNLO results on heavy flavor corrections to DIS | Prof. BLUEMLEIN, Johannes |
| 16:10 | Break | |
| 16:40 | [53] LHCb results on baryonic B decays | VOSS, Christian |
| 17:05 | [56] LHCb results on heavy quark spectroscopy | CRAIK, Daniel Charles |
| 17:30 | [57] LHCb results on exotic spectroscopy | CAVALLERO, Giovanni |

Thursday 25 August 2016

Heavy quarks - SOE-E-2 (11:35 - 13:00)

| time | [id] title | presenter |
|-------|---|-------------------------|
| 11:35 | [130] Open charm production in pPb and PbPb collisions with CMS | INNOCENTI, Gian Michele |
| 11:55 | [131] LHCb results and perspectives on heavy-ion physics | SCHMIDT, Burkhard |
| 12:15 | [132] Charmonium and bottomonium suppression in PbPb collisions with CMS | CHAPON, Emilien |
| 12:35 | [133] Open heavy-flavour production in pp, p-Pb and Pb-Pb collisions with ALICE | JAHNKE, Cristiane |

Heavy quarks: Heavy quarks - SOE-E-2 (14:30 - 18:25)

-Conveners: David Heymes; Carlos Lourenco; Ivan BELYAEV

| time | [id] title | presenter |
|-------|---|------------------------|
| 14:30 | [58] Quarkonium and heavy flavour production at ATLAS | JONES, Roger |
| 14:55 | [59] Quarkonium cross sections in pp collisions with CMS | KRATSCHMER, Ilse |
| 15:20 | [60] Quarkonium polarization in pp collisions with CMS | SEIXAS, Joao |
| 15:45 | [61] A data-driven interpretation of heavy quarkonium measurements at the LHC | FACCIOLI, Pietro |
| 16:10 | Break | |
| 16:40 | [62] Heavy quarkonium physics case for AFTER | SHAO, Huasheng |
| 17:05 | [134] Quarkonium production as a probe of double parton scattering at ATLAS | BERTSCHE, David Edwin |
| 17:30 | [52] LHCb results on b-hadron production and properties | NEEDHAM, Matthew David |