

LHC on the March

Wednesday 16 November 2011 - Friday 18 November 2011

IHEP, Theoretical Division



Book of Abstracts

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Excursion to Kaluga / 42

The Tsiolkovsky Memorial House

http://www.gmik.ru/dom_en.html

Summary:

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The State Museum of the history of cosmonautics named by K.E. Tsiolkovsky

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Higgs searches in ATLAS (SM and MSSM)

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Top physics in ATLAS

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Charged track reconstruction and b-tagging performance in ATLAS

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Top models of diffractive scattering to falsify at the LHC

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Electroweak physics in ATLAS

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Identified primary hadrons spectra in p p and Pb Pb collisions with the ALICE detector at the LHC

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Recent results from ALICE

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Vector bosons escaping from the brane

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Search for a heavy neutrino and right-handed W of the left-right symmetric model in pp collisions at $\sqrt{s} = 7$ TeV (CMS)

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Heavy quark vs heavy hadron production

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Tetraquarks composed of 4 heavy quarks

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New photosensors for the CMS HCAL upgrade

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B-Physics studies with the ATLAS detector

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$b\bar{b}$ quarkonia production at LHCb

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Konstantin Tsiolkovsky, grandfather of russian space science (Short introduction towards the Thursday excursion to Kaluga)

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π^0 and eta meson production in pp collisions at 0.9, 2.76 and 7 TeV measured with ALICE

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Exotics searches in ATLAS

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Bc production at LHCb

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Towards the ATLAS upgrade

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Closing address