

News

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LHC Forward Physics WG meeting, CERN, March 15-16

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Yellow report status

- The YR got a CERN, SLAC, DESY preprint number: CERN-PH-LPCC-2015-001, SLAC-PUB-16364, DESY 15-167
- **Thanks to all conveners, contributors:** this will remain as a reference in our field for LHC physics
- The YR was submitted to Journal of Physics: agreed to be published
- The idea is to get each chapter published as a separate article within the same volume and signed by all authors: the editors for each “chapter” will also appear on each article
- Publication expected to come out soon now
- Are there some issues with copyright? If not, Nicolo and myself will sign the authorizations on behalf of all of us

Forward Physics meeting

- New working group for FCC studies
 - Conveners: Lucian Harland Lang, Antonio Vilela Perreira
 - This meeting: machine project by Helmut, WG prospects: Lucian/Antonio
 - List of physics topics
 - Machine and first detector studies for forward physics
 - Aim for a letter of intent soon
- Discuss about potential di-photon excess at 750 GeV and link with forward physics (CT-PPS, AFP): high potential of discovery if the excess is real (not a statistical effect)
- Physics results and prospects: TOTEM, ALFA, LHCb
- Detector status and progress: LHCb (Herschel), AFP, CMS/TOTEM, CT-PPS

Future meetings

- **Elba Workshop: 3rd Elba Workshop on Forward Physics at LHC energies:** May 30-June 1, see:
<http://indico.cern.ch/event/505807/overview>
- **Low x meeting:** June 6-10, Gyongyos, Hungary, see
http://www-d0.fnal.gov/royon/lowx_hungary/
- **Workshop on timing detectors:** September 15-18, Kansas City, USA, see: http://www-d0.fnal.gov/royon/timing_kansas/home.html
- **Next LHC Forward Physics meeting in Trento, Italy:** September 26-20, financial support available
- **Forward physics meeting in Cracow:** November 23-25
- **2017:** to be discussed, volunteers to organise a workshop outside CERN? (CERN: March 21-22, Japan in September?)