

UNIVERSIDADE DE SANTIAGO DE COMPOSTELA

LCG Meeting CERN, October 2nd 2015

LHeC - Low x Kinematics



for the LHeC Study group, http://cern.ch/lhec

LHO Since last meeting 22.05.15 (I):

• Workshop on Energy Recovery Linacs (ERL2015) (BNL, June 7th-12th 2015), 3 parallel talks:

- → LHeC ERL Design and Beam-Dynamics Issues Alex Bogacz.
- → ERL facility at CERN for applications Erk Jensen.

→ CERN SC RF and ERL Test Facility Plans - Alessandra Valloni and Dario Pellegrini.

• EPS2015 (Vienna, July 22nd-29th 2015), 3 parallel talks + 2 posters (QCD and detector):

- → Nuclear collisions at the LHeC Elena Ferreiro.
- → The LHeC detector Paul Newman.
- → Top and EW physics at the LHeC Zhiqing Zhang.

LHO Since last meeting 22.05.15 (II):

- QCD@LHC 2015 (London, September 1st-5th 2015), 1 plenary and 3 parallel talks:
 - → Plenary: QCD at the LHeC Paul Newman.
 - → Proton PDFs at the LHeC Claire Gwenlan.
 - → Small-x Physics at the LHeC Néstor Armesto.
 - → Nuclear PDFs in eA collisions at the LHeC Néstor Armesto.
- Poetic6 (Ecole Polytechnique, September 7th-11th 2015), 4 plenary talks:
 - → Proton PDFs at the LHeC Claire Gwenlan.
 - → Nuclear PDFs in eA collisions at the LHeC Max Klein.
 - → Overview of the LHeC Project Paul Newman.
 - → Small-x Physics at the LHeC Néstor Armesto.
- Quark Matter 2015 (Kobe, September 27th-October 3rd 2015): poster (eA collisions at the LHeC and the FCC).

Conferences.



Future:

• FCC Week 2016, April 11th-15th Rome.



Notes:

• All in all, 14 talks (9 speakers) plus 3 posters since last conveners meeting (22.05.15); ??? projected ones.

- All slides will be in the web site: <u>http://lhec.web.cern.ch/</u>.
- It is worth asking speakers, after conferences, to send a link to Alessandra.
- Some success in finding new speakers (2/9).
- But we need more!!!

• Personal comment: due to the huge number of conferences and irrational scheduling of them, finding speakers is becoming extremely difficult e.g. CMS cancelled 6 talks for QCD@LHC!!! This is to be taken into account for programming workshops.