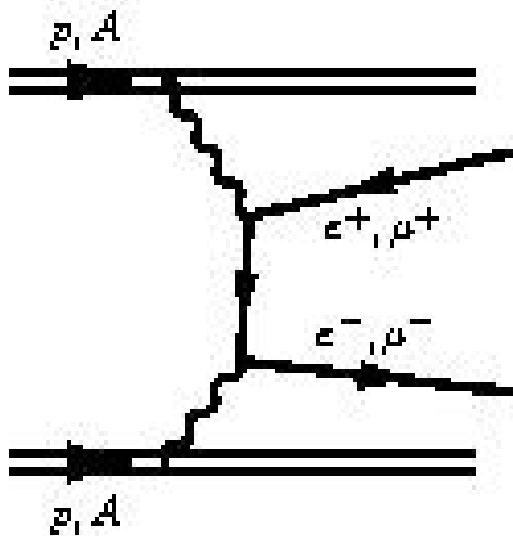


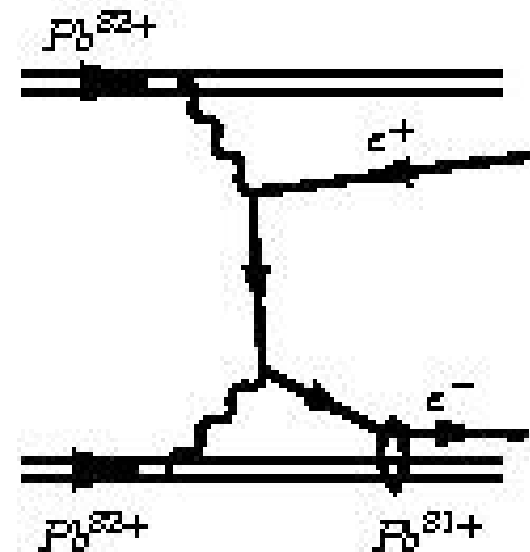
Electromagnetic Interactions - Introduction to the session

-the physics of strong electromagnetic fields:

- Phys. Rep. 453 (2007) 1-27, arXiv: 0706.0654, chap. 6.1, 6.2
- Phys. Rep. 458 (2008) 1-171, arXiv: 0706.3356, chap. 6.1



pair production



bound-free pair production

the session talks

- Experimental overview of bound-free pair production measurements – P. Grafstrom
- Prospects of bound-free pair production measurements at LHC energies – R. Schicker
- Chiral symmetry and low-energy pion-photon reactions – N. Kaiser
- Exclusive lepton pair production in ultra-peripheral collisions – J. Wagner