Joint DESY and University of Hamburg Accelerator Physics Seminar

Tuesday, 11.09.2012

(16:00 in Room 459/30b)

Report from the ECLOUD'12 Workshop

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Abstract

The 5th electron–cloud workshop, ECLOUD'12, was held in La Biodola, Italy, from June 5 to 8, 2012. The workshop focused on electron cloud effects in accelerators but also covered multipactoring and secondary electron emission in RF devices and in relation to spacecraft charging. Results from different session of the workshop, including electron cloud effects (ECE) and beam dynamics, ECE and Vacuum and heat load, surface properties and coatings, electron cloud simulations and mitigation techniques will be presented. Finally the perspectives for positron operation at PETRA III are discussed.

J.Roßbach (Univ. HH) and M.Vogt (MFL).