1st Topical Workshop on Laser Based Particle Sources



Contribution ID: 13 Type: not specified

Photocathodes for high brightness electron beams

Wednesday 20 February 2013 14:00 (40 minutes)

Photocathodes are key elements in high brightness RF photoinjectors. A proper selection of the photocathodes has a relevant impact on the properties of the generated electron beam. In this presentation the main photocathode parameters are introduced and their effect on generated beam discussed. Moreover, a review of the production process, characterization and use of these materials is presented.

Primary author: Dr SERTORE, Daniele (I)

Presenter: Dr SERTORE, Daniele (I)