

Status of the proton Computed Tomography project developed within the RDH INFN experiment

Thursday 19 February 2015 11:45 (20 minutes)

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Proton Computed Tomography (pCT) is a new imaging method with a potential for increasing accuracy of treatment planning and patient positioning in hadron therapy. A pCT system based on a silicon tracker and a YAG:Ce calorimeter has been developed within the PRIMA/RDH INFN CSN5 collaboration. Tests under proton beams gave promising results on radiography and tomographic reconstructions. Recent developments are reviewed in this talk.

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Session Classification: Non HEP projects