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DE GENÈVE
FACULTÉ DES SCIENCES
Département de physique
nucléaire et corpusculaire

SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE

SUJET : The new Bern cyclotron laboratory for PET radioisotope production and its beam line for multi-disciplinary research

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LIEU: Science III, Auditoire 1S081
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RÉSUMÉ:

The new Bern cyclotron laboratory is based on a 18 MeV proton cyclotron equipped with a specifically conceived 6 m long research beam line, terminated in a separate bunker. This particular configuration is designed for industrial Positron Emission Tomography (PET) radioisotope production as well as for novel detector, radiation biophysics, radiation protection, materials science, radiochemistry and radiopharmacy scientific activities. This project is the result of the successful collaboration among the University Hospital in Bern (Inselspital), the University of Bern, private investors and industrial partners. This new facility is now operational and open to national and international collaborations. The design, the construction, the commissioning and the first research activities will be presented.

INFORMATION : http://dpnc.unige.ch/seminaire/annonce.html
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