UNIVERSITÉ
DE GENÈVE
FACULTÉ DES SCIENCES
Département de physique
nucléaire et corpusculaire

SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE

SUJET : **Physics and Realisation of the LHeC**

PAR: **Prof. Max Klein**
University of Liverpool

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LIEU: Science III, Auditoire 1S081
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RÉSUMÉ:

The Large Hadron Electron Collider (LHeC) project involves upgrading the LHC with a new electron beam in order to build a luminous, TeV energy ep and eA collider at CERN. An introduction is given to the physics programme of the LHeC, and the design concepts are described of the 60 GeV electron accelerator and of a new detector for precision deep inelastic scattering.

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