



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
Département de physique
nucléaire et corpusculaire

SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE

SUJET: **The Universe observed in Gamma-rays**

PAR: **Dr Rolf BUEHLER**
DESY

DATE: Mercredi 11 novembre 2015, 11h15

LIEU: Science III, Auditoire 1S081
 Boulevard d'Yvoy, 1211 Genève 4

RÉSUMÉ:

Astronomical sources are able to accelerate particles to energies far beyond what accelerators at Earth can do. The study of these astrophysical accelerators takes one to some of the most extreme places in the Universe, such as Super Massive Black Holes, Neutron Stars or Super Novae explosions. The particle acceleration in these sources are best studied in gamma-rays. In this presentation I will give a tour through the gamma-ray sky and discuss the acceleration and emission mechanisms at work in high-energy sources. This seminar will relate the adventure of this project from the kick off meeting of the 14th of September 2011 until the recent results of the data analysis presented at ICRC conference.

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

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