



**UNIVERSITÉ  
DE GENÈVE**

**FACULTÉ DES SCIENCES**

Département de physique  
nucléaire et corpusculaire

## **SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE**

**SUJET: EUSO-BALLOON, the story of three adventurous years**

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**DATE: Mercredi 4 novembre 2015, 11h15**

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

### **RÉSUMÉ:**

The night of the 24th of August 2014, EUSO-BALLOON instrument took off from the stratospheric balloons launching base of Timmins in Ontario (Canada). Supported by a 400000 m<sup>3</sup> helium balloon, it flew for about 5 hours at an altitude of 38 km over forests. In total, around 100 Go of data were acquired. They are used to better know the UV background from sky and earth as well as the infra-red emission of the clouds.

This flight is the outcome of almost 3 years of work of a scientific and technical collaboration involving 50 people and supported by the CNES balloon division.

This seminar will relate the adventure of this project from the kick off meeting of the 14<sup>th</sup> 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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