



## **SEMINAIRE régulier du Service d'Astrophysique**

### **EVIDENCE FOR SEQUENTIAL STAR FORMATION WITHIN METEORITES**

**Mathieu GOUNELLE**  
(museum d'histoires naturelles)

**Jeudi 07 avril 2011**

**11h00**

When meteorites formed, 4.5 Gyr ago, they contained radioactive such as  $^{26}\text{Al}$  ( $T_{1/2} = 0.64$  Myr) and  $^{60}\text{Fe}$  ( $T_{1/2} = 2.6$  Myr). The origin of these elements and their astrophysical relevance has long been elusive. I will try to show that they are the tracers, at the meteorite scale, of sequential star formation as observed today at the Galactic scale.



**Un café sera servi 15 minutes avant le séminaire**

**Ce séminaire aura lieu au CEA Saclay – Orme des Merisiers –bâtiment 713 Salle Galilée**