



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

### **THE COSMIC EVOLUTION OF STAR FORMATION AND ACTIVE GALACTIC NUCLEI**

**Eva SCHINNERER**  
(MPIA Heidelberg)

**Jeudi 14 avril 2011**

**11h00**

Over the past decade, deep field surveys that probe well into the early age of the universe have dramatically improved our understanding of the formation and evolution of galaxies. The Cosmic Evolution Survey (COSMOS) links the study of different galaxy populations to the large scale structure and environment utilizing a unique panchromatic dataset over the full electromagnetic spectrum. As part of COSMOS the largest radio continuum deep image at 20cm has been obtained. I will present highlights from the work using these unprecedented radio data and focus on a dust-unbiased view on star formation and the role played by radioactive galactic nuclei (AGN) in the evolution of galaxies.



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

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