



Séminaire organisé par

**AIM & Le service d'Astrophysique
CEA/DSM/Irfu**



FORMATION OF GIANT PLANETS AND BROWN DWARFS VIA DISK FRAGMENTATION

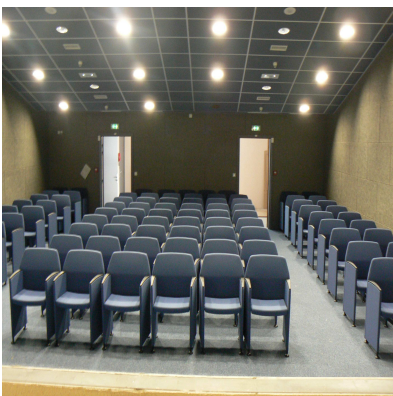
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Gravitational instability and fragmentation in the early evolution of circumstellar disks is a common occurrence, which leads to a zoo of various effects depending on the ultimate fate of the fragments. I will demonstrate how disk fragmentation can trigger episodic accretion onto the star similar in magnitude to FU-Orionis-type eruptions, produce gas giants and brown dwarfs on wide orbits, and explain the existence of young proto-brown dwarfs in million-year-old stellar clusters.

mardi 3 novembre 2015

10h00 Salle Galilée bât 713 - Orme des Merisiers



Le petit-déjeuner précèdera le séminaire

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