



UNIVERSITÀ DEGLI STUDI DI MILANO

SCUOLA DI DOTTORATO IN FISICA
ASTROFISICA E FISICA APPLICATA

Physics Colloquia 2010/2011

Unveiling the diversity of extrasolar planetary systems

Astronomical observations over the past 15 years have uncovered over 400 extrasolar planetary systems.
Few, if any, resemble the Solar System.

The existence of "hot Jupiters" with orbital periods as short as a day, and of planets with highly eccentric or inclined orbits, provides evidence that violent dynamical evolution of planetary systems may be the norm.

I will discuss what we have learned about planet formation from these discoveries, along with the implications for the frequency of potentially habitable terrestrial planets.

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Gli incontri si terranno alle **ore 15:00**
nell'**aula A** del **DIPARTIMENTO DI FISICA**
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