

ASTROPHYSICS SCHOOL PROGRAMME***La Formation des Etoiles & des Galaxies / Star & Galaxy Formation*****Motivation**

The formation of stars and galaxies is crucial to understand the evolution of the dynamical Universe. The School's objectives are two-folds : first, to introduce basic theoretical and observational concepts in relation to stellar- and galaxy formation ; secondly, to introduce the participants to current topics for research in this rapidly evolving field. All presentations will be in English and broadcast live through internet webcasts.

Location

European Doctoral College / Collège doctoral européen (→ <http://cde.unistra.fr/index.php?id=6056>)

Contact

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Preliminary Programme*Monday 20 June*

- 9h00-12h00 Christian Boily (OaS)
The Physical Principles of Star Formation
- 14h00-15h00 Bertrand Goldman (OaS / MPIa Heidelberg)
Observations of Star Forming Regions : The Pleiades
- 15h30-16h30 Paul Clark (Cardiff, UK) :
Star Formation, Accretion and Multiplicity : Theory
- 16h30-17h30 Boily / Clark
Examples of On-line Tools for Star-Formation Studies

Tuesday 21 June

- 10h00-12h00 Paul Clark (Cardiff, UK) :
Star Formation, Accretion and Multiplicity : Models vs Observations
- 14h00-16h00 Florent Renaud (Surrey, UK) :
Feedback, Starbursts & the Turbulent ISM in Galaxy Formation

Wednesday 22 June

- 9h00-12h00 Christian Boily (OaS) :
The Physics of Galaxy Formation: Theory and Empirical Relations

End-of-Term Pick Nick in the Gardens of the Observatory (requires registration)

- 15h30-17h30 Pierre-Alain Duc (CEA, Saclay) :
Observations of Extragalactic Starbursts, Tidal Dwarfs and Galaxy Mergers

Thursday 23 June

- 10h00-12h00 Florent Renaud (Surrey, UK):
Numerical Techniques for the Simulation of Galaxy Formation
- 14h00-16h00 E. Moraux (IPAG, Grenoble) :
The Stellar Mass Function of Star Forming regions

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