


STAR-FORMING DWARF GALAXIES: FOLLOWING ARIADNE'S THREAD IN THE COSMIC LABYRINTH

Workshop on Crete, September 29 - October 3, 2008



Star-forming dwarf galaxies in the nearby universe and beyond attract considerable interest among astronomers and cosmologists. However, despite their important role in the cosmic scenery, as building blocks of normal galaxies and significant contributors to the chemical enrichment of the universe, little is still known about their formation and evolution.

The goal of this workshop is to gather researchers in all fields of astronomy, both observational and theoretical, to explore topics such as the following:

SOC

Nils Bergvall, Sweden.
Luz-Marina Cairos, Germany.
Andrea Ferrara, Italy.
Uta Fritze, United Kingdom.
Eva Grebel, Germany.
Gerhard Hensler, Austria.
David C. Koo, USA.
Göran Östlin, Sweden.
Polychronis Papaderos, Spain.
Joe Silk, United Kingdom.
José Manuel Vílchez, Spain.

LOC

Lucas Andrianos, Greece.
Emmanuela Larentzakis, Greece. (chair)
Thomas Marquart, Sweden.
Polychronis Papaderos, Spain.

- The birth of dwarf galaxies: theoretical concepts and observable relics across wavelength and time.
- Intrinsic and environmental properties controlling the evolution of dwarf galaxies.
- The rise and fall of starburst activity and dwarf galaxy evolution.
- Morphological subclasses, taxonomy and evolutionary relationships of dwarf galaxies.
- Main challenges and prospects in future dwarf galaxy research in the light of new observing and computing facilities.

For further information visit: <http://star-forming-dwarfs.org/>

