



## THE EUROPEAN WEEK OF ASTRONOMY AND SPACE SCIENCE

# SYMPOSIUM

## DWARF GALAXIES: KEYS TO GALAXY FORMATION AND EVOLUTION

While many lines of evidence highlight the role of dwarf galaxies in the cosmic scenery, as possible building blocks of Hubble-type galaxies and important contributors to the chemical enrichment of the Universe, the formation and evolution of these systems is only sketchily understood. The nearby Universe reveals a diversity of dwarf galaxies, spanning a wide range in their photometric, morphological and chemical properties. Does this sizeable galaxy population share a common evolutionary history or rather consist of physically and evolutionary distinct subclasses?

This symposium aims at providing a forum for observers and theoreticians to exchange ideas and new results on the many evolutionary aspects of dwarf galaxies near and far: what have we learned thus far and which are the main opportunities and challenges for the near future.



## **SEP** THU+FRI 9+10.2010

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