

**DUSTY OBJECTS
IN THE UNIVERSE**

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OF THE ASTRONOMICAL OBSERVATORY OF CAPODIMONTE
(OAC 4), HELD AT CAPRI, ITALY, SEPTEMBER 8–13, 1989

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EDITORS' FOREWORD

Solid matter in space is crucial in accounting for many processes. In these last years a great improvement of the general knowledge of the problem has been possible due to the increase, in number and quality, of observations and of the laboratory efforts to simulate "cosmic" dust. Theoreticians have also given their contribution in solving some questions and in posing others.

Continuing an effort started in 1987, the Astrophysical Groups operating in Naples have considered it useful to organize a Workshop in Capri from September 8th to 13th 1989 in order to assess the state of the art in such an interesting field as that of "Dusty Objects in the Universe".

The subject is, obviously, too wide to be discussed in detail. However, the presence of many experts in different areas provided an updated general picture. Laboratory work has been reviewed, as well as recent observations and theoretical interpretations which concern processes occurring in our Galaxy and in external galaxies.

The Workshop gave to participants the unique opportunity of exchanging ideas and of discussing on different themes. In addition, the meeting has been enriched by the presentation of the major technological projects related to ongoing airborne and space missions.

Invited papers were prepared with the aim of giving the state of the art about specific subjects; contributed papers and some selected poster papers presented, on the contrary, very recent results in the various fields.

In addition to the scientific efforts, the Capodimonte Observatory and the Istituto Universitario Navale sought to give a warm welcome to the participants. Thanks to several sponsors, the LOC could organize some excursions and shows to entertain people during their spare time.

In particular, the LOC wishes to thank for their contributions, the Italian Ministry of University and Scientific Research, the Regione Campania, Aeritalia Space Systems Groups and Selenia Spazio.

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