



# EUROCONFERENCE ON CORRELATIONS IN UNCONVENTIONAL QUANTUM LIQUIDS



**Institute for Scientific and Technological Advanced Studies – Portugal**

**Évora, October 7-11, 1996**

This conference marks the start of the activities of a new research institute, the Institute for Scientific and Technological Advanced Studies – Portugal. The main purpose of the meeting is the study of new theoretical tools for dealing with non-perturbative effects in quantum correlated systems. Particular emphasis will be made on the following topics: Superconductivity, correlations in finite systems (from nuclei to mesoscopic structures), heavy fermions and Kondo resonance, fermionic quantum liquids in low dimensions, magnetism.

## ***SPEAKERS***

Philip W. Anderson\* (Princeton, USA), Carlo W. J. Beenakker (Leiden, The Netherlands), David K. Campbell (Urbana, USA), Carlo Di Castro (Roma, Italy), Michel H. Devoret (CEA Saclay, France), Walter Ekardt (Fritz-Haber Institut der MPG, Germany), Matthew P. A. Fisher (Santa Barbara, USA), David M. Edwards (London, UK), Peter Fulde (MPI für Physik Komplexer Systeme, Dresden, Germany), Frederick Duncan M. Haldane\* (Princeton, USA), Enrique Louis (Alicante, Spain), Brian M. Maple (San Diego, USA), Daniel C. Mattis (Utah, USA), John A. Mydosh (Leiden, The Netherlands), Alexander A. Ovchinnikov (Moscow, Russia), David Pines, (Urbana, USA), Thomas Maurice Rice\* (Zurich, Switzerland), George A. Sawatzky (Groningen, The Netherlands), Frank Steglich (Darmstadt, Germany), Erio Tosatti\*, (SISSA, Trieste, Italy), Dieter Vollhardt (Aachen, Germany), and Chen Ning Yang (ITP – SUNY at Stony Brook, USA).

(\* – to be confirmed)

## ***GRANTS***

A limited number of grants will be available for young European scientists. Applications including a C.V. and a list of publications should be sent to the conference address before May 15, 1996.

**Organizing Committee** — Dionys Baeriswyl (Fribourg, Switzerland) — José M. P. Carmelo (Évora, Portugal)  
Francisco Guinea (CSIC – Madrid, Spain) — Jorge M. Pacheco (Coimbra, Portugal)

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