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International Workshop on Chiral Fluctuations in Hadronic Matter

IPN Orsay, France
September 26-28, 2001

In view of the current interest in the physics of fluctuations of the chiral condensate in hot and dense hadronic matter, as well as the recent experimental developments on pion-pair production in nuclei, a meeting will be held at Orsay, France, Sept. 26-28, 2001, devoted to the discussion of these and other closely related subjects.
The workshop is meant as a follow up of a previous meeting in Kyoto, Japan, June 12-14-2000 on the " Possible Existence of the sigma-meson and its Implication to Hadron Physics". The forthcoming workshop essentially addresses the same subject but focuses more on aspects of chiral fluctuations in connection with the 'sigma'-meson channel. The following topics will be covered:

- Theoretical Description of the Chiral Phase Transition
- Effective Field Theory Description of Chiral Fluctuations
- Two Pion Correlations in the Medium and the Sigma Meson
- Pion- and Photon induced two-Pion Reactions in Nuclei

We plan to have about eight talks per day, which should allow for plenty of discussion. The number of participants will be limited to about 80.

Registration and further information can be found on the workshop web-page

http://crunch.ikp.physik.tu-darmstadt.de/orsay

Organizing Committee : Z. Aouissat (Darmstadt), G. Chanfray (Lyon),
D. Davesne (Lyon), P. Schuck (Orsay),
J. Wambach (Darmstadt).