

ECRYS-2005 in France.

First Announcement
for the next
WORKSHOP on ELECTRONIC CRYSTALS.

The International Workshop on Electronic Crystals will be held again!

Continuing the chain of the earlier meetings ECRYS-93, ECRYS-99, ECRYS-2002 we shall organize the next one ECRYS-2005 in August 2005 (22/08 - 27/08). It will take place in Corsica, France, at the Institut d'Etudes Scientifiques de Cargèse, <http://cargese.univ-corse.fr/>

The series of workshops ECRYS pursue several goals:

To gather various communities engaged in studies of static and dynamic properties of spontaneous superstructures.

To present comprehensively the current activity in all types of Electronic Crystals: Charge Density Waves, Spin Density Waves including the Field Induced ones, Wigner Crystals (in semiconductors, at the He surface, in magnetic field, of colloids); Charge Ordering and Disproportionation in organic conductors; Stripes and Disproportionation in doped oxides; electron ordering at charged biomolecules and membranes.

To emphasize the common phenomenology of Electronic Crystals, Vortex Lattices, Magnetic Domain Walls, surface friction, etc: sliding versus pinning, phase slips, plasticity and all related nonlinear, nonstationary and inhomogeneous effects; related physics of topological defects: solitons, dislocations, instantons.

To review specific experimental approaches: synchrotron radiation and space resolved accesses to contact effects and to the current conversion problem, junctions and nanoscale designs, quantum mesoscopics of the sliding state, optical and ARPES accesses to pseudo gaps and to electronic interactions.

Visit the web site of the previous ECRYS-2002 (<http://ipnweb.in2p3.fr/~ecrys/ecrys02.html>) to appreciate the principles, the expected program layout and the list of first awaited participants of the ECRYS-2005. We are looking forward to know about your interest to participate or to keep receiving the information.

Please feel free to forward this mail.

Please advise us on the extension of the mailing list.

The ECRYS initiative group:

Pierre Monceau, Serguei Brazovskii and Natasha Kirova

ecrys@ipno.in2p3.fr

Please fill the preregistration form and return it to : ecrys@ipno.in2p3.fr

PREREGISTRATION FORM for ECRYS-2005:

PARTICIPANT:

Title:

Surname: First Name:

Institution:

Department:

Street/ P.O. Box:

ZIP Code: City:

Country:

Phone: Fax:

e-mail:

I intend to participate to ECRYS-2005

Please keep me informed