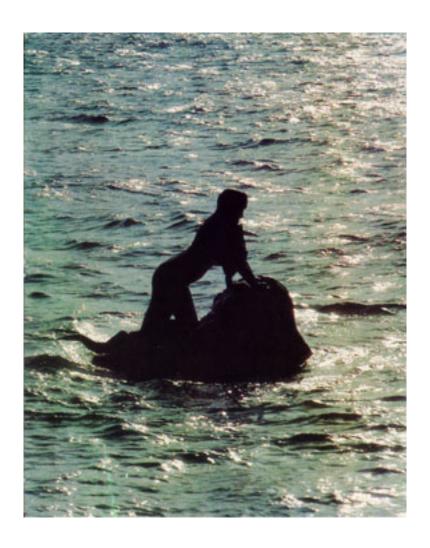
## New Trends In High-Energy Physics (experiment, phenomenology, theory)



Saturday 27 September 2008 - Saturday 4 October 2008 Yalta, Crimea

## **Scientific Programme**

Elastic and diffractive scattering of hadrons and nuclei;
Forward physics at LHC;
Deeply inelastic scattering and multiparticle dynamics;
Photon- and vector meson production (at JLAB and elsewhere);
Generalized parton distributions;
Spin and polarization;
Collective properties of the strongly interacting matter;
Mixed phase at NICA (Dubna) and at FAIR;
Astroparticle physics and cosmology;
Heavy flavors and hadron spectroscopy;
Duality, strings, and confinement;
The standard model and beyond;
Advances in quantum field theory;
New physics expected at LHC;
Beam physics and detector technologies;
Applied nuclear physics;