

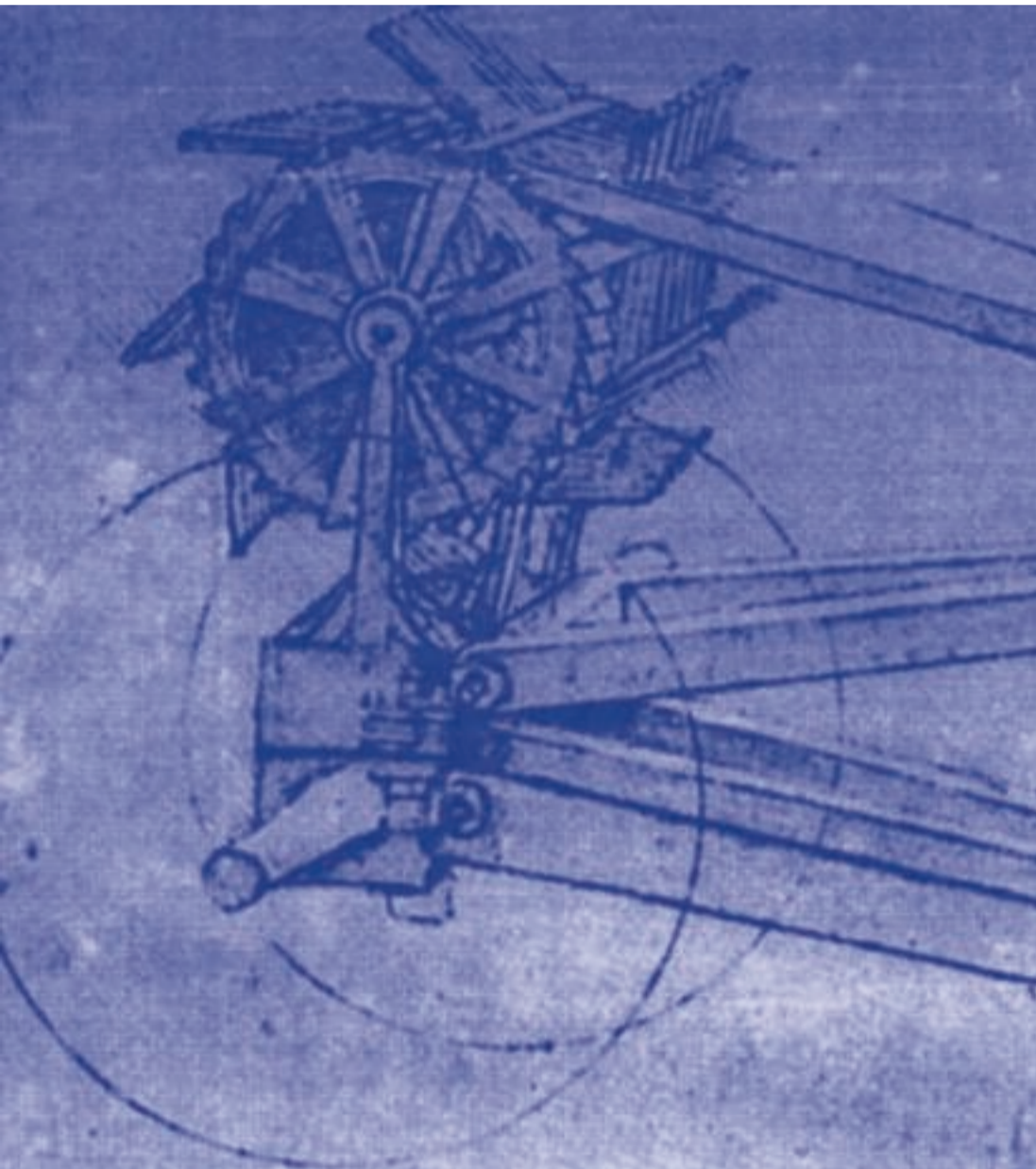


ICATPP Conference on Cosmic Rays for Particle and Astroparticle Physics

Villa Olmo, Como (Italy) 7-8 October 2010

Cosmic rays as a tool for probing fundamental particle physics, astrophysical sources and contents of the Universe

The conference will be dedicated to discussions on observations and results obtained in cosmic ray physics in the energy range from sub-GeV to TeV and beyond, and their implications for fundamental physics, i.e., particle physics, astroparticle physics and cosmology. Among the topics covered by the conference are new results from space-based and terrestrial astroparticle experiments, including searches for dark matter and double beta-decay, a better understanding of the production of ordinary and/or exotic matter, propagation of cosmic rays in the Galaxy and within the solar system, processes inducing trapped particles inside the Earth magnetosphere and their effects, space environment, Solar-Terrestrial physics.



The conference is aimed to promote contacts among scientists involved in Solar-Terrestrial physics, space physics, particle physics, astroparticle physics and cosmology both from the theoretical and the experimental approach. The conference will be devoted to physics and physics requirements, survey of theoretical models and of performance of detectors employed (or to be employed) in experiments for fundamental physics, astroparticle physics, astrophysics research and space environment - including Earth magnetosphere and Heliosphere and Solar-Terrestrial physics -. Presentations include the following subjects: advances in physics from present and next generation ground and space experiments, dark matter, double-beta decay, high-energy astrophysics, space environment, trapped particles, propagation of cosmic rays in the Earth magnetosphere, Heliosphere and Galaxy.

All contributions relevant to the Conference issues are welcome. The conference is by invitation.

For any information one should contact the secretariat services, not later than June 30 (2010), or refer to the conference webpage:

<http://villaolmo.mib.infn.it/Conference2010.html>

The conference is supported by Direction de Science de la Matière (DSM) - Commissariat à l'Énergie Atomique (CEA) - centre de Saclay, Istituto Nazionale di Fisica Nucleare (INFN), Università di Milano-Bicocca

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Forms

The registration form and the hotel accommodation form are available on Web at:

<http://villaolmo.mib.infn.it/Conference2010.html>

Please be so kind to follow Web implemented procedures for abstract submission, registration and hotel booking.