

TRANSVERSITY 2011

THIRD INTERNATIONAL WORKSHOP ON TRANSVERSE POLARIZATION PHENOMENA IN HARD SCATTERING

First Bulletin

Transversity and transverse spin effects are of growing theoretical and experimental interest. Modern developments in hadron physics emphasize the role of correlations between spin and transverse parton momentum, which are crucial to our understanding of the orbital and spin structure of the nucleon in terms of the quark and gluon degrees of freedom in QCD and beyond the collinear approximation. A two-year Ministry-funded interuniversity Research Project of National Interest (PRIN 2008), based in Italy and aimed specifically at the study of such aspects of hadronic physics, was refunded last year. As part of the project, the members have planned the present workshop to gather together experimentalists and theorists engaged in investigating the nature of transverse spin in hadronic physics. The main aim is to provide a playground in which present knowledge in the field of transversity and transverse-momentum dependent distribution and fragmentation functions will be illustrated while allowing new theoretical ideas and experimental perspectives to be aired and discussed vigorously. The workshop follows those held on Lake Como in 2005 and Ferrara in 2008, similarly organized within the framework of previously funded PRINs.

Transversity 2011 will take place from August 29th to September 2nd. The workshop venue will be on Lošinj, a Croatian island in the northern part of the Adriatic Sea, about 100 km south of Trieste. Participants are strongly invited to take advantage of the transportation (most probably by coach) provided by the workshop organization from Trieste to Lošinj on Sunday, August 28th and from Lošinj to Trieste on Saturday, September 3rd. Information on alternative methods of reaching Lošinj will be available at the workshop website. The registration fee, covering a copy of the proceedings, the above-mentioned organized transportation, the conference dinner, coffee breaks and an excursion, will be €250 if paid by June 30th and €300 if paid later. The registration form will be accessible directly from the workshop web pages.

An attendance of about 100 participants is expected while the scientific program will consist of some 40 presentations (by invitation only) in addition to one or two round-table discussions.

Transversity 2011 is supported and sponsored by the International Spin Physics Committee. The workshop is organized by the Trieste unit of the PRIN 2008 project in collaboration with the European Center for Science, Art and Culture (ECSAC, <http://ecsac.ictp.it/>), a multidisciplinary institution that has been organizing international conferences in Lošinj since 2001, together with the Trieste section of the INFN. The Local Organizing Committee coordinating the scientific program comprises colleagues from the Italian Institutes participating in the PRIN 2008 project.

Further information may be obtained either from the workshop web pages
<http://ecsac.ictp.it/transversity2011/>
 or by e-mail to transversity2011@ts.infn.it.

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