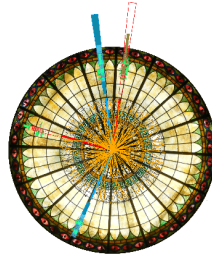


DIS 2015 - XXIII. International Workshop on Deep-Inelastic Scattering and
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Update on the phenomenology of collinear Dihadron FFs.

Tuesday 28 April 2015 17:30 (25 minutes)

We present an updated extraction of the valence transversity PDF using the most recent COMPASS data with identified pion pairs. The new analysis was carried out using the replica method for both the chiral-odd DiFF and the transversity PDF. This picture represents the current most realistic estimate of the uncertainties on our knowledge of the valence components of the transversity function and the resulting tensor charge. We comment on the implication of the tensor charge's accuracy on possible new physics.

Author: COURTOY, Aurore (IFPA)

Co-authors: BACCHETTA, Alessandro (University of Pavia); RADICI, Marco (INFN)

Presenter: COURTOY, Aurore (IFPA)

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