

## Review of TMD measurements

*Saturday, 30 July 2016 11:00 (40 minutes)*

The investigation of the partonic degrees of freedom beyond collinear approximation and towards a 3D description of the hadron structure in the momentum space has been gaining increasing interest in the last decade. In the recent years, several first measurements have been made which provide new insights on the parton dynamics within the nucleon or during fragmentation, e.g. related to orbital motion and spin-orbits effects, that may eventually shed light on peculiar aspects of the quark confinement. Complementary information has been gathered from various reactions, from deep-inelastic experiments to electron and hadron colliders. A compendium of the most interesting results and an outlook of incoming measurements will be discussed.

**Presenter:** CONTALBRIGO, Marco (INFN Ferrara)

**Session Classification:** Plenary