

HADRON IMAGING WITH GPDS: HIGH-PRECISION GLOBAL ANALYSIS AND LATTICE QCD

15-19 JUNE 2026

ECT* - Villa Tambosi, Villazzano

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TOPIC

Recent years have seen major advances in our understanding of the quark and gluon content of hadrons. Yet, achieving a fully quantitative three-dimensional picture of parton distributions within nucleons remains a critical challenge in QCD. This workshop will bring together experts in global QCD analysis, lattice QCD, and advanced data analysis techniques to develop a common framework for GPD reconstruction. We also plan to include experts in TMD studies to explore methodological overlap and complementarity.

ECT* Director: Prof. Ubirajara van Kolck

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