

## **Seminarium Szkoły Doktorskiej NCBJ**

**Thursday, 12th May, 9:00**

**<https://www.gotomeet.me/NCBJmeetings/phd-seminar>**

**Speaker:**

**Anatolii Koval (Studium Doktoranckie NCBJ)**

**Title:**

**How does one look inside of the proton?**

**Abstract:**

Presently Generalized Parton Distributions allow us novel three-dimensional description of the proton structure when both transverse and longitudinal degrees of freedom are taken into account. A tool to experimentally constraint GPDs is Deeply Virtual Compton Scattering. Main steps in extracting DVCS cross-section in the framework of COMPASS experiment are discussed in detail hinting path towards the proton tomography.