

Lectures on **QCD and Baryon Polarization** hosted by the University of Milan

Presented by

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A series of six hours of lectures will be presented on quantum chromodynamics (QCD) and baryon polarization. Topics to be covered include

- Proton structure in terms of collinear and transverse-momentum-dependent parton distribution functions
- Hadronization of high-energy quarks and gluons
- Spin-momentum correlations in the nucleon and in the process of hadronization
- Experimental observations of spontaneous hyperon and heavy flavor baryon polarization and possible theoretical explanations

Lectures will be held from 3:00-4:00 pm CEST Tuesdays and Thursdays from Tuesday, April 14 through Thursday, April 30, 2020, with participation via Zoom. The agenda, including remote connection information, is available at <https://agenda.infn.it/event/22556/>.