

# **Gluon content of proton and deuteron with the Spin Physics Detector at the NICA collider**



**Wednesday 30 September 2020 - Thursday 1 October 2020**

## **Scientific Programme**

The workshop will focus on the theoretical and experimental aspects of the gluon programme at SPD and cover the following topics:

## **Gluon TMD PDFs**

**Unpolarized gluon PDFs for proton and deuteron at large  $x$**

**Gluon helicity  $\Delta g$**

**Gluon transversity in deuteron**

**Tensor gluon structure of deuteron**

**Gluons and charmonia production**

**Gluons from lattice QCD**