

# **Kickoff meeting - GDR-QCD / WG1 : Simple and Multiple Interactions between Partons**

lundi 21 juin 2021 - mercredi 23 juin 2021

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## **First-time observation of Timelike Compton Scattering, with the CLAS12 detector**

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### **Welcome**

**Auteurs correspondants:** cedric.lorce@polytechnique.edu, conesa@ipno.in2p3.fr, marchand@ipno.in2p3.fr

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### **Collective behaviour in small systems**

**Auteur correspondant** m.guilbaud@cern.ch

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### **Quarkonia production in high multiplicity environment**

**Auteur correspondant** sarah@clermont.in2p3.fr

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### **On gluon polarization at small x**

**Auteur correspondant** cyrille.marquet@polytechnique.edu

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### **heavy-flavour baryon production and implications for fragmentation functions**

**Auteur correspondant** jaime.norman@cern.ch

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## **Discussion**

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### **Nuclear GPDs with the ALERT detector**

**Auteur correspondant** dupre@ipno.in2p3.fr

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### **GPD modelization and lQCD**

**Auteur correspondant** cedric.mezrag@cea.fr

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### **Positron beams for nuclear femtography**

**Auteur correspondant** voutier@ipno.in2p3.fr

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### **Some news on GPDs and TDAs**

**Auteur correspondant** pire@cpht.polytechnique.fr

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## **Discussion**

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### **recent developments in nCTEQ**

**Auteur correspondant** kusina@lpsc.in2p3.fr

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### **experimental constrains nPDF**

**Auteur correspondant** emilien.chapon@cern.ch

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**update on PDFS**

**Auteur correspondant** valerio.bertone@cea.fr

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**Determination of the gluon PDF using constraints from quarkonia**

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**Ideas for UPC measurements at the LHC in view of hadron structure**

**Auteurs correspondants:** mwinn@cern.ch, aude.glaenzer@cea.fr

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**Constraining PDFs with J/psi and Upsilon inclusive photoproduction**

**Auteur correspondant** yelyzaveta.yedelkina@ijclab.in2p3.fr