

## DPWG Chair elections

Since mid May I have been serving as interim DPWG Chair following Maxime's stepping down for personal reasons. Elections for the future DPWG Chair will be held in September, a call for nominations will be sent out soon.

## DPWG ongoing analysis reviews

Measurement of the cross-section of the photoproduction of the  $J/\psi$  meson near the production threshold with the CLAS12 detector (Pierre Chatagnon): first-round comments sent in April, waiting for new version of the note

The Unfavored to Favored Fragmentation Ratio off the Deuteron (Erez Cohen): first-round comments submitted in October 2023, dormant since

Measurement of Near-Threshold  $J/\psi$  Quasi-real Photoproduction on the Proton and Neutron at CLAS12 (Richard Tyson): started in mid June

Longitudinal beam spin asymmetry in the semi-inclusive production of  $K^+\pi^-$ ,  $\pi^+K^-$ , and  $K^+K^-$  dihadrons (Conor Pecar): started in early June

DVCS on Proton: A machine learning approach for channel selection (Juan Sebastian Alvarado): round 2 comments submitted in February, waiting for new version of the note

Measurements of Deeply Virtual Exclusive  $\rho^0$  Production with CLAS12 (Andrey Kim): created in March 2024 and nothing else since

Measurements of Beam Spin Asymmetries of  $\pi^\pm \pi^0$  dihadrons at CLAS12 using Gradient Boosted Trees (Gregory Matousek): 4 rounds completed, approved, draft in preparation

# Today's program

**08:25** → 10:35 **Deep Processes Working Group**

Convener: Silvia Niccolai (IJCLab Orsay)

**08:30**

## Introduction

Speaker: Silvia Niccolai (IJCLab Orsay)

 DPWG\_June2025.pdf

**08:35**

## Positive Kaon SIDIS with deuterium target

Speaker: Simone Vallarino

**08:55**

## Cross sections for neutron DVCS

Speaker: Li Xu

**09:15**


## DVCS on a longitudinally polarized target

Speaker: Samy Polcher Rafael (CEA Saclay - Université Paris Saclay)

**09:35**

## J/Psi photoproduction on proton and neutron

Speaker: Richard Tyson (Jefferson Lab)

 JPsiRGB\_CollabMe...

**09:55**

## Update on $\pi^0$ SIDIS multiplicities and modulations: Radiative Correction studies

Speaker: Valerii Klimenko (Argonne National Laboratory)

**10:15**

## Update on Gmn analysis

Speaker: Jerry Gilfoyle (University of Richmond)

**10:30** → 11:00

Coffee Break

**11:00** → 12:55

## Deep Processes Working Group

Convener: Silvia Niccolai (IJCLab Orsay)

**11:00**

## Bonus analysis update

Speaker: Yu-Chun Hung (ODU)

**11:20**

## Proton double-spin asymmetry for DIS

Speaker: Derek Holmberg (William and Mary)

**11:40**

## Deuteron double-spin asymmetry for DIS

Speaker: Darren Upton (Old Dominion University)

**12:00**

## RGA Analysis Updates and Studies of Deep Exclusive Processes

Speaker: Latifa Elouadrhiri (Jefferson Lab)

**10 talks, 20 minutes/talk including discussion**