

Session Program

8-12 Jan 2024

**XXX Cracow EIPHANY Conference on
Precision Physics at High Energy Colliders**

QCD/MC

Auditorium Maximum, Aula Mała

Monday 8 January

09:15

QCD/MC

Session | **Location:** Auditorium Maximum, Aula Mała | **Convener:** Maciej Skrzypek

09:15–09:45

Towards a NLO parton shower: Gauge choice

Speaker

Zoltan Nagy

09:45–10:15

Precision Physics at High Energy Colliders and Low Energy Connections

Speaker

Janusz Gluza

10:15–10:45

High precision prediction for multi-scale processes at the LHC

Speaker

Rene Poncelet

10:45

16:45

QCD/MC

Session | **Location:** Auditorium Maximum, Aula Mała | **Convener:** Krzysztof Kutak

16:45–17:15

Back-to-back dijets in DIS at small x

Speaker

Tomasz Stebel

17:15–17:45

On hybrid factorization at the NLO from collinear amplitudes

Speaker

Leszek Motyka

17:45–18:15

Progress in implementing the kinematical constraint into the small- x JIMWLK evolution equation

Speaker

Piotr Korcyl

18:15

Friday 12 January

10:30

QCD/MC

Session | **Location:** Auditorium Maximum, Aula Mała | **Convener:** Wolfgang Schaefer

10:30-11:00 **Exclusive bremsstrahlung of one and two photons in pp collisions**

Speaker

Antoni Szczurek

11:00-11:30 **Computing multi-leg scattering amplitudes using light-cone actions**

Speaker

Piotr Kotko

11:30-12:00

Wilson line-based action for gluodynamics at the classical and quantum level

Speaker

Hiren Kakkad

12:00-12:30

Production of charm and neutrinos in far-forward experiments at the LHC

Speaker

Rafal Maciula

12:30