

**Summer Meeting of FOR2926:
Next Generation Perturbative
QCD for Hadron Structure -
Preparing for the Electron-Ion
Collider**

Report of Contributions

Contribution ID: 23

Type: **not specified**

Three-loop massive operator matrix elements

Monday 29 July 2024 09:45 (45 minutes)

Primary author: SCHÖNWALD, Kay

Presenter: SCHÖNWALD, Kay

Session Classification: External speakers

Contribution ID: 26

Type: **not specified**

Asymptotic behavior of angular integrals and expansion by regions

Monday 29 July 2024 13:30 (30 minutes)

Primary author: WUNDER, Fabian

Presenter: WUNDER, Fabian

Session Classification: FOR2926 talks

Contribution ID: 28

Type: **not specified**

Energy-energy correlators at the LHC and EIC

Monday 29 July 2024 09:00 (45 minutes)

Primary author: YUAN, Feng

Presenter: YUAN, Feng

Session Classification: External speakers

Contribution ID: 29

Type: **not specified**

Towards the transverse SSA for $ep \rightarrow hX$ at NLO and its connection to $ep \rightarrow \gamma X$

Monday 29 July 2024 11:00 (30 minutes)

Primary author: REIN, Daniel

Presenter: REIN, Daniel

Session Classification: FOR2926 talks

Contribution ID: **30**

Type: **not specified**

Angular phase-space integrals using Mellin-Barne

Monday 29 July 2024 11:30 (30 minutes)

Primary author: RAPAKOULIAS, Andreas

Presenter: RAPAKOULIAS, Andreas

Session Classification: FOR2926 talks

Contribution ID: 31

Type: **not specified**

Conformal moments of two-loop coefficient functions in DVCS

Monday 29 July 2024 14:00 (30 minutes)

Primary author: GOTZLER, Patrick

Presenter: GOTZLER, Patrick

Session Classification: FOR2926 talks

Contribution ID: 32

Type: **not specified**

Conformal moments of two-loop coefficient functions in DVCS

Primary author: GOTZLER, Patrick

Presenter: GOTZLER, Patrick

Session Classification: FOR2926 talks

Contribution ID: 33

Type: **not specified**

Off-forward anomalous dimensions for transversity operators

Monday 29 July 2024 15:00 (30 minutes)

Primary author: SHUMILOV, Leonid

Presenter: SHUMILOV, Leonid

Session Classification: FOR2926 talks

Contribution ID: 34

Type: **not specified**

Precise predictions for Semi-Inclusive DIS

Tuesday 30 July 2024 09:00 (45 minutes)

Primary author: GEHRMANN, Thomas

Presenter: GEHRMANN, Thomas

Session Classification: External speakers

Contribution ID: 35

Type: **not specified**

Double Deeply Virtual Compton Scattering

Tuesday 30 July 2024 09:45 (45 minutes)

Primary author: WAGNER, Jakub

Presenter: WAGNER, Jakub

Session Classification: External speakers

Contribution ID: 36

Type: **not specified**

Gradient Flow

Tuesday 30 July 2024 11:00 (30 minutes)

Primary author: VERETIN, Oleg

Presenter: VERETIN, Oleg

Session Classification: FOR2926 talks

Contribution ID: 37

Type: **not specified**

LinApart: optimizing the univariate partial fraction decomposition

Tuesday 30 July 2024 11:30 (30 minutes)

Primary author: FEKÉSHÁZY, Levente

Presenter: FEKÉSHÁZY, Levente

Session Classification: FOR2926 talks

Contribution ID: **38**

Type: **not specified**

Parton-shower effects in polarized deep inelastic scattering

Tuesday 30 July 2024 13:30 (30 minutes)

Primary author: BORSA, Ignacio

Presenter: BORSA, Ignacio

Session Classification: FOR2926 talks

Contribution ID: 39

Type: **not specified**

Constraints for alien operators in QCD

Tuesday 30 July 2024 14:00 (30 minutes)

Primary author: THURENHOUT, Sam Van

Presenter: THURENHOUT, Sam Van

Session Classification: FOR2926 talks

Contribution ID: 40

Type: **not specified**

Higgs boson production in WBF with $H \rightarrow b\bar{b}$ decay at NNLO

Primary author: ASTERIADIS, Konstantin (Institute for Theoretical Particle Physics, Karlsruhe Institute of Technology)

Presenter: ASTERIADIS, Konstantin (Institute for Theoretical Particle Physics, Karlsruhe Institute of Technology)

Session Classification: FOR2926 talks

Contribution ID: 41

Type: **not specified**

NNLO helicity PDFs, phenomenology of double parton scattering

Tuesday 30 July 2024 15:30 (30 minutes)

Primary author: VOGELSANG, Werner (University of Tübingen)

Presenter: VOGELSANG, Werner (University of Tübingen)

Session Classification: FOR2926 talks

Contribution ID: 42

Type: **not specified**

Towards the transverse SSA for $ep \rightarrow hX$ at NLO and its connection to $ep \rightarrow \gamma X$

Primary author: REIN, Daniel

Presenter: REIN, Daniel

Session Classification: FOR2926 talks

Contribution ID: 43

Type: **not specified**

Welcome address

Monday 29 July 2024 08:45 (15 minutes)

Primary author: BRAUN, Vladimir

Presenter: BRAUN, Vladimir

Session Classification: Arrival and welcome

Contribution ID: 44

Type: **not specified**

Higgs boson production in WBF with $H \rightarrow b\bar{b}$ decay at NNLO

Tuesday 30 July 2024 15:00 (30 minutes)

Primary author: ASTERIADIS, Konstantin

Presenter: ASTERIADIS, Konstantin

Session Classification: External speakers