

# **James Stirling Memorial Conference**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Welcome

*Tuesday 17 September 2019 09:00 (5 minutes)*

**Presenter:** ELLIS, Keith (IPPP)

Contribution ID: 3

Type: **not specified**

## **Monojets**

*Tuesday 17 September 2019 14:00 (15 minutes)*

**Presenter:** ELLIS, Stephen (University of Washington)

**Session Classification:** WJS Legacy: Topics in Collider Phenomenology

Contribution ID: 4

Type: **not specified**

## **MRS**

*Tuesday 17 September 2019 15:40 (10 minutes)*

**Presenter:** MARTIN, Alan (IPPP, Durham)

**Session Classification:** WJS Legacy: Parton distribution functions

Contribution ID: 7

Type: **not specified**

## **Rambo, spinors and such**

*Tuesday 17 September 2019 14:15 (15 minutes)*

**Presenter:** KLEISS, Ronald (Nijmegen)

**Session Classification:** WJS Legacy: Topics in Collider Phenomenology

Contribution ID: 8

Type: **not specified**

## Higgs and Multi-jets

*Tuesday 17 September 2019 14:30 (15 minutes)*

**Presenter:** KUNSZT, Zoltan (ITP ETH Zurich)

**Session Classification:** WJS Legacy: Topics in Collider Phenomenology

Contribution ID: 9

Type: **not specified**

## **Sudakovs**

*Tuesday 17 September 2019 14:45 (15 minutes)*

**Presenter:** KULESZA, Anna (University of Muenster)

**Session Classification:** WJS Legacy: Topics in Collider Phenomenology

Contribution ID: **10**

Type: **not specified**

## **Electroweak Phenomena**

*Tuesday 17 September 2019 15:00 (15 minutes)*

**Presenter:** VRYONIDOU, Eleni (CERN)

**Session Classification:** WJS Legacy: Topics in Collider Phenomenology



Contribution ID: 11

Type: **not specified**

## and T

*Tuesday 17 September 2019 15:50 (10 minutes)*

**Presenter:** THORNE, Robert (University College London)

**Session Classification:** WJS Legacy: Parton distribution functions

Contribution ID: 12

Type: **not specified**

## **Polarized Partons**

*Tuesday 17 September 2019 16:00 (10 minutes)*

**Presenter:** GEHRMANN, Thomas (Zurich)

**Session Classification:** WJS Legacy: Parton distribution functions

Contribution ID: 13

Type: **not specified**

## Central Exclusive Production

*Tuesday 17 September 2019 16:10 (10 minutes)*

**Presenter:** HARLAND-LANG, Lucian (University College London)

**Session Classification:** WJS Legacy: Central Exclusive Production, Forward physics and MPI

Contribution ID: 14

Type: **not specified**

## KRYSTHAL

*Tuesday 17 September 2019 16:20 (10 minutes)*

**Presenter:** Prof. KHOZE, Valeri (IPPP, Department of Physics, Durham University)

**Session Classification:** WJS Legacy: Central Exclusive Production, Forward physics and MPI

Contribution ID: 15

Type: **not specified**

## **Double/multiple parton interactions and factorisation**

*Tuesday 17 September 2019 16:30 (15 minutes)*

**Presenter:** GAUNT, Jonathan

**Session Classification:** WJS Legacy: Central Exclusive Production, Forward physics and MPI

Contribution ID: **16**

Type: **not specified**

## **IPPP**

*Tuesday 17 September 2019 16:45 (15 minutes)*

**Presenter:** GLOVER, Nigel (IPPP, Durham University)

**Session Classification:** WJS Legacy: Improving the Institutions

Contribution ID: 17

Type: **not specified**

## **Cambridge and Cavendish**

*Tuesday 17 September 2019 17:00 (15 minutes)*

**Presenter:** PARKER, Andy (Cambridge)

**Session Classification:** WJS Legacy: Improving the Institutions

Contribution ID: **18**

Type: **not specified**

## **Imperial and Diversity**

*Tuesday 17 September 2019 17:15 (15 minutes)*

**Presenter:** WADE, Jessica (Imperial)

**Session Classification:** WJS Legacy: Improving the Institutions



Contribution ID: 19

Type: **not specified**

## **Dedication of the Stirling Room**

*Tuesday 17 September 2019 17:30 (20 minutes)*

**Presenter:** Prof. CORBRIDGE, Stuart (Durham)

**Session Classification:** WJS Legacy: Improving the Institutions

Contribution ID: 20

Type: **not specified**

## **Recent theoretical advances in DIS QCD evolution**

*Tuesday 17 September 2019 09:05 (20 minutes)*

**Presenter:** BLUEMLEIN, Johannes (DESY)

**Session Classification:** PDF4LHC–Session 1

Contribution ID: **21**

Type: **not specified**

## **News from CT18**

*Tuesday 17 September 2019 09:30 (20 minutes)*

**Presenter:** HUSTON, Joey (Michigan State University)

**Session Classification:** PDF4LHC–Session 1

Contribution ID: 22

Type: **not specified**

## News from MMHT

*Tuesday 17 September 2019 09:55 (20 minutes)*

**Presenter:** THORNE, Robert (University College London)

**Session Classification:** PDF4LHC–Session 1

Contribution ID: 23

Type: **not specified**

## News from NNPDF

*Tuesday 17 September 2019 10:20 (20 minutes)*

**Presenter:** BALL, Richard (Edinburgh)

**Session Classification:** PDF4LHC–Session 1

Contribution ID: 24

Type: **not specified**

## **Machine learning tools for optimizing PDF training**

**Presenter:** Dr CRUZ-MARTINEZ, Juan (University of Milan)

**Session Classification:** PDF4LHC–Session 1

Contribution ID: 25

Type: **not specified**

## **The completion of the HERAPDF2.0 family using NNLO jet fits/ NNLO result for alphas using the recent NNLOjet calculations**

**Presenter:** GWENLAN, Claire (UCL)

**Session Classification:** PDF4LHC–Session 1

Contribution ID: 26

Type: **not specified**

## **Latest developments from xFitter**

**Session Classification:** PDF4LHC–Session 1



Contribution ID: 27

Type: **not specified**

## **Machine learning tools for optimizing PDF training**

*Tuesday 17 September 2019 11:10 (20 minutes)*

**Presenter:** CRUZ-MARTINEZ, Juan (University of Milan)

**Session Classification:** PDF4LHC–Session 2

Contribution ID: 28

Type: **not specified**

## **The completion of the HERAPDF2.0 family using NNLO jet fits/ NNLO result for alphas using the recent NNLOjet calculations**

*Tuesday 17 September 2019 11:35 (20 minutes)*

**Presenter:** GWENLAN, Claire (UCL)

**Session Classification:** PDF4LHC–Session 2

Contribution ID: 29

Type: **not specified**

## Latest developments from xFitter

*Tuesday 17 September 2019 12:00 (20 minutes)*

**Presenter:** NOVIKOV, Ivan

**Session Classification:** PDF4LHC–Session 2

Contribution ID: **30**

Type: **not specified**

## **Vector Meson production in Ultra-Peripheral Collisions at the ALICE experiment**

*Wednesday 18 September 2019 09:00 (20 minutes)*

**Presenter:** Dr VILLALOBOS BAILLIE, Orlando

**Session Classification:** PDF4LHC–Session 3

Contribution ID: **31**

Type: **not specified**

## **PDF constraints from ATLAS data**

*Wednesday 18 September 2019 09:25 (20 minutes)*

**Presenter:** Dr SUTTON, Mark

**Session Classification:** PDF4LHC–Session 3

Contribution ID: **32**

Type: **not specified**

## **PDF Studies for the CMS experiment**

*Wednesday 18 September 2019 09:50 (20 minutes)*

**Presenter:** APYAN, Aram

**Session Classification:** PDF4LHC–Session 3

Contribution ID: 33

Type: **not specified**

## **How to include LHCb exclusive J/y data in global PDF analyses**

*Wednesday 18 September 2019 10:15 (20 minutes)*

**Presenter:** MARTIN, Alan (IPPP, Durham)

**Session Classification:** PDF4LHC–Session 3

Contribution ID: **34**

Type: **not specified**

## **Stable covariance matrices for PDF fits**

*Wednesday 18 September 2019 11:00 (20 minutes)*

**Presenter:** WILSON, Michael (University of Edinburgh)

**Session Classification:** PDF4LHC–Session 4



Contribution ID: 35

Type: **not specified**

## **Discussion on benchmarking/short contributions**

*Wednesday 18 September 2019 11:20 (1 hour)*

**Presenter:** HUSTON, Joey (Michigan State University)

**Session Classification:** PDF4LHC–Session 4