

Session Program

8-12 Apr 2019



XXVII International Workshop on Deep Inelastic Scattering and Related Subjects

WG4: Hadronic and Electroweak Observables

Turin

Aula Magna della Cavallerizza Reale, University of Turin

Tuesday 9 April

08:30

WG4: Hadronic and Electroweak Observables

Session | Location: Palazzo Badini-Confalonieri - Sala Lauree, Via Verdi, 10 Turin

08:56-09:22

Effect of flavor-dependent partonic transverse momentum on the determination of the W mass at hadron colliders

Speaker
Marco Radici

09:22-09:48

Towards a W boson mass measurement with LHCb

Speaker
Martina Pili

09:48-10:14

Precision electroweak measurements with ATLAS

Speaker
Aaron James Armbruster

10:15

10:45

WG4: Hadronic and Electroweak Observables

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10:45-11:11

Z boson production in proton-lead collisions at the LHC accounting for transverse momenta of initial partons

Speaker
Krzysztof Kutak

11:11-11:37

Precise predictions for diboson production at the LHC

Speaker
Marius Wiesemann

11:37-11:57

Measurements of inclusive neutral diboson production with ATLAS

Speaker
Valerie Lang

11:57-12:23

Measurements of inclusive WW and WZ production with ATLAS

Speaker
Valerie Lang

12:30

14:00

WG4: Hadronic and Electroweak Observables

Session | Location: Palazzo Badini-Confalonieri - Sala Lauree, Via Verdi, 10 Turin

14:00-14:26

Electroweak physics with multibosons

Speaker
Pietro Govoni

14:26-14:52

Measurements of triboson production at ATLAS

Speaker
Andrea Sciandra

14:52-15:18

Observation and measurements of vector-boson scattering with ATLAS

Speaker
Francesco Conventi

15:18-15:44 **EFT in vector-boson scattering**

Speaker
Dr Raquel Gomez Ambrosio

15:45

16:15

WG4: Hadronic and Electroweak Observables

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16:15-16:41

Low energy light-by-light scattering in heavy-ion UPC, a new possibility

Speakers
Mariola Klusek-Gawenda, Antoni Szczurek, Rainer Schicker, Mariola Ambroziak, Dr Mariola Klusek-Gawenda

16:41-17:07 **V+jets production at CMS**

Speaker
Isabel Josa Mutuberria

17:07-17:33 **Studying transverse momentum distributions with jets**

Speaker
Lorenzo Zoppi

17:33-17:58 **On the $t\bar{t}\gamma/t\bar{t}$ cross section ratio at the LHC**

Speaker
Giuseppe Bevilacqua

18:00

Wednesday 10 April

08:50

WG4: Hadronic and Electroweak Observables

Session | **Location:** Palazzo Badini-Confalonieri - Sala Lauree, Via Verdi, 10 Turin

08:56–09:22 **Next-to-leading logarithmic processes in High Energy Jets**

Speaker

Mr James Black

09:22–09:48 **Differential jet cross sections at the CMS experiment**

Speaker

Radek Zlebcik

09:48–10:14

Monte Carlo generators for the modelling of multijet processes in ATLAS at 13 TeV

Speaker

Evelin Meoni

10:15

10:45

WG4: Hadronic and Electroweak Observables

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10:45–11:11 **Correlations in high-mass jets**

Speaker

Karoly Ueramoessy

11:11–11:37

Measurements of dijet azimuthal decorrelations and extraction of α_S at ATLAS

Speaker

Zdenek Hubacek

11:37–12:03 **Jet Pull**

Speaker

Mr Chang Wu

12:03–12:29

Measurement of jet substructure observables using the ATLAS detector

Speaker

Amal Vaidya

12:30

14:00

WG4: Hadronic and Electroweak Observables

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14:00–14:26

Precise predictions for the production of jets in deep inelastic scattering

Speaker

Alexander Yohei Huss

14:26–14:52 **DIS with KaTie**

15:45	<p>Speaker Andreas van Hameren</p>
16:15	<p>14:52-15:18 Local Analytic Sector Subtraction at NNLO</p> <p>Speaker Giovanni Pelliccioli</p> <p>15:18-15:44 Amplitude Parton Showers and Non-global Logarithms</p> <p>Speaker Dr Simon Plätzer</p>
	<p>WG4: Hadronic and Electroweak Observables Session Location: Palazzo Badini-Confalonieri - Sala Lauree, Via Verdi, 10 Turin</p>
	<p>16:15-16:41 Parton Shower based on TMD parton distributions</p> <p>Speaker Melanie Schmitz</p>
	<p>16:41-17:07 Towards transverse-momentum-dependent splitting functions in kT-factorization</p> <p>Speaker Aleksander Kusina</p>
18:00	<p>17:07-17:33 ITMD factorization its phenomenological applications and its recent developments</p> <p>Speaker Krzysztof Kutak</p>

Thursday 11 April

10:45

WG4: Hadronic and Electroweak Observables

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10:45-11:11

Multiplicity dependence of azimuthal particle correlations as a probe of collectivity in deep inelastic electron-proton collisions at HERA

Speaker

Iris Abt

11:11-11:37

QCD Monte Carlo model tuning studies with CMS data at 13 TeV

Speaker

Efe Yazgan

11:37-12:03

Latest results from NA62

Speaker

Alina Kleimenova

12:03-12:29

Recent results on Kaon decays from NA48/2

Speaker

Prof. Andrea Bizzeti

12:30