

**INTERNAL Real and virtual
photon production at
ultra-low transverse
momentum and low mass at
LHC**



Report of Contributions

Contribution ID: 1

Type: **not specified**

Infrared structure of QED as a many-body theory of world lines

Monday, 1 August 2022 11:00 (45 minutes)

Presenter: FEAL, Xabier

Session Classification: Symposium

Contribution ID: 2

Type: **not specified**

Electromagnetic probes as multi-messengers

Monday, 1 August 2022 11:45 (45 minutes)

Presenter: SCHEID, Sebastian (IKF Frankfurt)

Session Classification: Symposium

Contribution ID: 3

Type: **not specified**

ALICE 3 - the next generation heavy-ion experiment at LHC

Monday, 1 August 2022 12:30 (45 minutes)

Presenters: KLEIN, Jochen; KLEIN, Jochen (CERN)

Session Classification: Symposium

Contribution ID: 4

Type: **not specified**

Discussions

Monday, 1 August 2022 13:15 (45 minutes)

Session Classification: Symposium

Contribution ID: 5

Type: **not specified**

EMMI RRTF Welcome

Monday, 1 August 2022 15:00 (30 minutes)

INTERNAL Real... / Report of Contributions

tba

Contribution ID: 6

Type: **not specified**

tba

Presenter: DAVID, Gabor

Contribution ID: 7

Type: **not specified**

Status and Prospects: Experimental tests of Low's theorem

Monday, 1 August 2022 16:00 (30 minutes)

Presenter: REYGERS, Klaus (University of Heidelberg)

Contribution ID: 8

Type: **not specified**

Coffee break and working group formation

Monday, 1 August 2022 16:30 (1h 30m)

Contribution ID: 9

Type: **not specified**

Hunting dark photons

Tuesday, 2 August 2022 09:30 (30 minutes)

Presenter: GUNJI, Taku

Contribution ID: **10**

Type: **not specified**

Soft photon bremsstrahlung at higher orders

Tuesday, 2 August 2022 10:00 (30 minutes)

Presenter: BONOCORE, Domenico

Contribution ID: 11

Type: **not specified**

Dilepton spectrum from theory

Tuesday, 2 August 2022 10:50 (30 minutes)

Presenter: VAN HEES, Hendrik (Institute for Theoretical Physics, Goethe University Frankfurt)

Contribution ID: 12

Type: **not specified**

Discussions

Tuesday, 2 August 2022 11:20 (1h 10m)

Contribution ID: **13**

Type: **not specified**

Working groups I

Tuesday, 2 August 2022 14:00 (2 hours)

Contribution ID: 14

Type: **not specified**

Working group presentations I

Tuesday, 2 August 2022 16:00 (30 minutes)

Contribution ID: 15

Type: **not specified**

Forward photons and electrons/positrons from ultra-peripheral collisions

Presenter: KLEIN, Spencer

Contribution ID: 16

Type: **not specified**

Light-by-light scattering, tau-lepton $g-2$, and axions searches with ALICE 3

Thursday, 4 August 2022 10:00 (30 minutes)

Presenter: MATYJA, Adam

Contribution ID: 17

Type: **not specified**

Direct photon measurements

Wednesday, 3 August 2022 11:00 (30 minutes)

Presenter: DANISCH, Meike (Physikalisches Institut Heidelberg)

Contribution ID: **18**

Type: **not specified**

Discussions

Wednesday, 3 August 2022 11:30 (1 hour)

Contribution ID: **19**

Type: **not specified**

Working groups II

Wednesday, 3 August 2022 14:00 (2 hours)

Contribution ID: 20

Type: **not specified**

Working group presentations II

Wednesday, 3 August 2022 16:00 (30 minutes)

Contribution ID: 21

Type: **not specified**

Soft-photon production in proton-proton collisions in the tensor pomeron model

Monday, 1 August 2022 15:30 (30 minutes)

Presenter: LEBIEDOWICZ, Piotr

Contribution ID: 22

Type: **not specified**

Direct photon measurements

Contribution ID: 23

Type: **not specified**

Photon yields from Low's theorem

Wednesday, 3 August 2022 10:00 (30 minutes)

Presenter: VÖLKL, Martin (Uni Heidelberg)

Contribution ID: 24

Type: **not specified**

Can we measure electric conductivity of the quark-gluon plasma?

Thursday, 4 August 2022 11:30 (30 minutes)

Presenter: FLOERCHINGER, Stefan (Institut für Theoretische Physik, Uni Heidelberg)

Contribution ID: 25

Type: **not specified**

Discussions

Thursday, 4 August 2022 12:00 (1 hour)

Contribution ID: 26

Type: **not specified**

Working groups III

Thursday, 4 August 2022 15:00 (1 hour)

Contribution ID: 27

Type: **not specified**

Working group presentations III

Thursday, 4 August 2022 16:00 (30 minutes)

Contribution ID: 28

Type: **not specified**

Conclusions and steps forward

Friday, 5 August 2022 10:00 (30 minutes)

Contribution ID: 29

Type: **not specified**

Closing remarks

Friday, 5 August 2022 10:30 (30 minutes)

Contribution ID: **30**

Type: **not specified**

ALICE 3: Forward Conversion Tracker - Simulation and performance studies

Thursday, 4 August 2022 10:30 (30 minutes)

Presenter: VAN VEEN, Casper

Contribution ID: 31

Type: **not specified**

Infrared structure of QED as a many-body theory of world lines

Presenter: FEAL, Xabier

Session Classification: Symposium