

PREFIT20: PReCISION Effective FieLD Theory School



Report of Contributions

Contribution ID: 1

Type: **not specified**

Effective field theory

Monday, March 2, 2020 8:45 AM (1h 30m)

Presenter: PICH, Antonio (IFIC, U. Valencia -.)

Contribution ID: 2

Type: **not specified**

QCD and precision calculations

Monday, March 2, 2020 10:45 AM (1h 30m)

Presenter: HEINRICH, Gudrun (Max Planck Institute for Physics)

Contribution ID: **3**

Type: **not specified**

EFT UFO: hands-on

Monday, March 2, 2020 1:15 PM (1h 30m)

Presenters: GRELJO, Admir (CERN); BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: 4

Type: **not specified**

EFT UFO: hands-on

Monday, March 2, 2020 3:15 PM (1h 30m)

Presenters: GRELJO, Admir (CERN); BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: 5

Type: **not specified**

Group projects

Monday, March 2, 2020 5:00 PM (1 hour)

Contribution ID: 6

Type: **not specified**

Effective field theory

Tuesday, March 3, 2020 8:45 AM (1h 30m)

Presenter: PICH, Antonio (IFIC, U. Valencia -.)

Contribution ID: 7

Type: **not specified**

QCD and precision calculations

Tuesday, March 3, 2020 10:45 AM (1h 30m)

Presenter: HEINRICH, Gudrun (Max Planck Institute for Physics)

Contribution ID: 8

Type: **not specified**

MadGraph and Parton Shower: hands-on

Tuesday, March 3, 2020 1:15 PM (1h 30m)

Presenters: GRELJO, Admir (CERN); BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: 9

Type: **not specified**

MadGraph and Parton Shower: hands-on

Tuesday, March 3, 2020 3:15 PM (1h 30m)

Presenters: GRELJO, Admir (CERN); BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: **10**

Type: **not specified**

Group projects

Contribution ID: **11**

Type: **not specified**

QCD and precision calculations

Wednesday, March 4, 2020 8:45 AM (1h 30m)

Presenter: HEINRICH, Gudrun (Max Planck Institute for Physics)

Contribution ID: 12

Type: **not specified**

QCD and precision calculations

Wednesday, March 4, 2020 10:45 AM (1h 30m)

Presenter: HEINRICH, Gudrun (Max Planck Institute for Physics)

Contribution ID: 13

Type: **not specified**

SMEFT at NLO: Higgs, EWK and Top

Thursday, March 5, 2020 8:45 AM (1h 30m)

Presenter: MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: 14

Type: **not specified**

Machine learning

Thursday, March 5, 2020 2:00 PM (1h 30m)

Presenter: CRANMER, Kyle Stuart (New York University (US))

Contribution ID: 15

Type: **not specified**

SMEFT: hands-on

Thursday, March 5, 2020 10:45 AM (1h 30m)

Presenter: BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: **16**

Type: **not specified**

SMEFT: hands-on

Presenter: BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: 17

Type: **not specified**

Group projects

Contribution ID: **18**

Type: **not specified**

Jet reconstruction (theory)

Friday, March 6, 2020 8:45 AM (1h 30m)

Presenter: SALAM, Gavin (CERN)

Contribution ID: **19**

Type: **not specified**

SMEFT at NLO: Higgs, EWK and Top

Friday, March 6, 2020 10:45 AM (1h 30m)

Presenter: MALTONI, Fabio (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: **20**

Type: **not specified**

Machine learning

Thursday, March 5, 2020 4:00 PM (2 hours)

Presenter: CRANMER, Kyle Stuart (New York University (US))

Contribution ID: 21

Type: **not specified**

Machine learning: hands-on

Friday, March 6, 2020 4:00 PM (1h 30m)

Presenter: CRANMER, Kyle Stuart (New York University (US))

Contribution ID: 22

Type: **not specified**

Group projects

Friday, March 6, 2020 5:30 PM (1 hour)

Contribution ID: 23

Type: **not specified**

Career event

Presenters: CHOKOUFE , Bijan (Hamburg, Cashier systems); WEISS, Christian (Düsseldorf, NEC supercomputers)

Contribution ID: 24

Type: **not specified**

Jet reconstruction (theory)

Saturday, March 7, 2020 10:15 AM (1h 30m)

Presenter: SALAM, Gavin (CERN)

Contribution ID: 25

Type: **not specified**

Machine learning

Presenter: CRANMER, Kyle Stuart (New York University (US))

Contribution ID: 26

Type: **not specified**

Fitting: hands-on

Monday, March 9, 2020 8:45 AM (1h 30m)

Presenters: MARINI, Andrea Carlo (Massachusetts Inst. of Technology (US)); WARDLE, Nicholas (Imperial College (GB))

Contribution ID: 27

Type: **not specified**

Fitting: hands-on

Monday, March 9, 2020 10:45 AM (1h 30m)

Presenters: MARINI, Andrea Carlo (Massachusetts Inst. of Technology (US)); WARDLE, Nicholas (Imperial College (GB))

Contribution ID: **28**

Type: **not specified**

Delphes

Monday, March 9, 2020 2:00 PM (1h 30m)

Presenter: SELVAGGI, Michele (CERN)

Contribution ID: 29

Type: **not specified**

Delphes: hands-on

Monday, March 9, 2020 4:00 PM (1h 30m)

Presenter: SELVAGGI, Michele (CERN)

Contribution ID: **30**

Type: **not specified**

Group projects

Monday, March 9, 2020 5:30 PM (1 hour)

Contribution ID: **31**

Type: **not specified**

Social dinner

Monday, March 9, 2020 7:00 PM (3 hours)

Contribution ID: **32**

Type: **not specified**

Fitting: hands-on

Tuesday, March 10, 2020 10:45 AM (1h 30m)

Presenters: MARINI, Andrea Carlo (Massachusetts Inst. of Technology (US)); WARDLE, Nicholas (Imperial College (GB))

Contribution ID: 33

Type: **not specified**

Jet reconstruction (experimental)

Tuesday, March 10, 2020 2:00 PM (1h 30m)

Presenter: SCHRAMM, Steven (Universite de Geneve (CH))

Contribution ID: 34

Type: **not specified**

Jet reconstruction (experimental)

Thursday, March 12, 2020 10:45 AM (2 hours)

Presenter: SCHRAMM, Steven (Universite de Geneve (CH))

Contribution ID: 35

Type: **not specified**

Group projects

Contribution ID: **36**

Type: **not specified**

Data interpretation

Wednesday, March 11, 2020 8:45 AM (1h 30m)

Presenter: SANZ GONZALEZ, Veronica (University of Sussex (GB))

Contribution ID: 37

Type: **not specified**

Seminar

Contribution ID: **38**

Type: **not specified**

Data interpretation

Wednesday, March 11, 2020 10:45 AM (1h 30m)

Presenter: SANZ GONZALEZ, Veronica (University of Sussex (GB))

Contribution ID: 39

Type: **not specified**

Jet reconstruction: hands-on

Tuesday, March 10, 2020 4:00 PM (2 hours)

Presenter: SCHRAMM, Steven (Universite de Geneve (CH))

Contribution ID: 40

Type: **not specified**

Jet reconstruction: hands-on

Presenter: SCHRAMM, Steven (Universite de Geneve (CH))

Contribution ID: 41

Type: **not specified**

Closing Remarks

Thursday, March 12, 2020 12:45 PM (30 minutes)

Contribution ID: 42

Type: **not specified**

Group projects

Friday, March 13, 2020 8:45 AM (3h 30m)

Contribution ID: 43

Type: **not specified**

Group projects

Friday, March 13, 2020 1:15 PM (4h 30m)

Contribution ID: 44

Type: **not specified**

Career event

Contribution ID: 45

Type: **not specified**

Registration

Monday, March 2, 2020 8:00 AM (30 minutes)

Contribution ID: 46

Type: **not specified**

Overview and prospects

Thursday, March 12, 2020 8:45 AM (1h 30m)

Presenters: Prof. SANZ GONZALEZ, Veronica; SANZ GONZALEZ, Veronica (University of Sussex (GB))

Contribution ID: 47

Type: **not specified**

Beyond the Standard Model Theories

Presenter: HOCHBERG, Yonit (Hebrew University)

Session Classification: DESY Particle and Astroparticle Physics Colloquium

Contribution ID: 48

Type: **not specified**

Bijan Chokoufe, Hamburg, Enfore

Thursday, March 5, 2020 7:00 PM (20 minutes)

Session Classification: Career Event

Contribution ID: 49

Type: **not specified**

Christian Weiss, Düsseldorf, NEC

Thursday, March 5, 2020 7:30 PM (20 minutes)

Session Classification: Career Event

Contribution ID: 50

Type: **not specified**

David-Johannes Fischer, Hamburg, Kühne&Nagel

Tuesday, March 10, 2020 7:00 PM (20 minutes)

Session Classification: Career Event

Contribution ID: 51

Type: **not specified**

Jasone Garcia Garay, Hamburg, Airbus

Tuesday, March 10, 2020 7:30 PM (20 minutes)

Session Classification: Career Event

Contribution ID: 52

Type: **not specified**

Matthias Mozer, Berlin, Wayfair

Session Classification: Career Event

Contribution ID: 53

Type: **not specified**

Welcome

Monday, March 2, 2020 8:30 AM (15 minutes)

Presenters: MEYER, Andreas (DESY (DE)); RODRIGO, German (IFIC UV-CSIC); REUTER, Jürgen (DESY Hamburg, Germany); GOVONI, Pietro (Universita & INFN, Milano-Bicocca (IT)); DURIC, Senka (Kansas State University (US)); MOCH, Sven-Olaf

Contribution ID: 54

Type: **not specified**

Machine Learning

Presenter: CRANMER, Kyle Stuart (New York University (US))

Contribution ID: 55

Type: **not specified**

SMEFT: hands-on

Friday, March 6, 2020 2:00 PM (1h 30m)

Presenter: BRIVIO, Ilaria (University of Heidelberg)

Contribution ID: 56

Type: **not specified**

Fitting: Q&A session (optional)

Tuesday, March 10, 2020 9:30 AM (45 minutes)

Those who would like to discuss more about aspects and questions presented in Fitting sessions 1 & 2 are invited to come to Seminar Room 4.

Contribution ID: 57

Type: **not specified**

Group projects

Thursday, March 12, 2020 2:00 PM (4 hours)