

STFC HEP School 2022

Report of Contributions

Contribution ID: 1

Type: **not specified**

Arrival

Sunday, 4 September 2022 12:00 (5 hours)

Contribution ID: 2

Type: **not specified**

Drink reception

Sunday, 4 September 2022 17:00 (2 hours)

Contribution ID: 3

Type: **not specified**

Dinner

Sunday, 4 September 2022 19:00 (1 hour)

Contribution ID: 4

Type: **not specified**

Quantum Field Theory (1)

Monday, 5 September 2022 09:00 (45 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 5

Type: **not specified**

Welcome and introduction to the school

Monday, 5 September 2022 08:50 (10 minutes)

Presenter: ROMPOTIS, Nikolaos

Contribution ID: 6

Type: **not specified**

Quantum Field Theory (2)

Monday, 5 September 2022 09:50 (40 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 7

Type: **not specified**

Introduction to QED and QCD (1)

Monday, 5 September 2022 11:00 (1 hour)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: **8**

Type: **not specified**

Lunch

Monday, 5 September 2022 12:00 (1 hour)

Contribution ID: 9

Type: **not specified**

Quantum Field Theory (3)

Monday, 5 September 2022 16:45 (50 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Afternoon lectures

Contribution ID: **10**

Type: **not specified**

Introduction to QED and QCD (2)

Monday, 5 September 2022 17:45 (1 hour)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Afternoon lectures

Contribution ID: **11**

Type: **not specified**

Dinner

Monday, 5 September 2022 19:00 (1 hour)

Contribution ID: **12**

Type: **not specified**

Private study

Monday, 5 September 2022 13:00 (2 hours)

Contribution ID: **13**

Type: **not specified**

Tutorial

Monday, 5 September 2022 15:00 (1 hour)

Contribution ID: **14**

Type: **not specified**

Dinner

Tuesday, 6 September 2022 19:00 (1 hour)

Contribution ID: 15

Type: **not specified**

Poster session (1)

Tuesday, 6 September 2022 20:15 (1 hour)

Presenter: ROMPOTIS, Nikolaos

Contribution ID: **16**

Type: **not specified**

Lunch

Tuesday, 6 September 2022 12:00 (1 hour)

Contribution ID: 17

Type: **not specified**

Private study

Tuesday, 6 September 2022 13:00 (2h 30m)

Contribution ID: **18**

Type: **not specified**

Tutorial

Tuesday, 6 September 2022 15:30 (1h 30m)

Contribution ID: **19**

Type: **not specified**

Lunch

Wednesday, 7 September 2022 12:00 (1 hour)

Contribution ID: **20**

Type: **not specified**

Private study

Wednesday, 7 September 2022 13:00 (2h 30m)

Contribution ID: **21**

Type: **not specified**

Tutorial

Wednesday, 7 September 2022 15:30 (1h 30m)

Contribution ID: 22

Type: **not specified**

Lunch

Thursday, 8 September 2022 12:00 (1 hour)

Contribution ID: **23**

Type: **not specified**

Lunch

Friday, 9 September 2022 12:00 (1 hour)

Contribution ID: **24**

Type: **not specified**

Lunch

Monday, 12 September 2022 12:00 (1 hour)

Contribution ID: 25

Type: **not specified**

Private study

Thursday, 8 September 2022 13:00 (2h 30m)

Contribution ID: 26

Type: **not specified**

Private study

Friday, 9 September 2022 13:00 (2h 30m)

Contribution ID: 27

Type: **not specified**

Tutorial

Thursday, 8 September 2022 15:30 (1h 30m)

Contribution ID: **28**

Type: **not specified**

Tutorial

Friday, 9 September 2022 15:30 (1h 30m)

Contribution ID: **29**

Type: **not specified**

Dinner

Wednesday, 7 September 2022 19:00 (1 hour)

Contribution ID: **30**

Type: **not specified**

Dinner

Thursday, 8 September 2022 19:00 (1 hour)

Contribution ID: 31

Type: **not specified**

**Dinner: Drinks and BBQ (cancelled - normal dinner
at this time in Deneke)**

Friday, 9 September 2022 19:00 (2 hours)

Contribution ID: 32

Type: **not specified**

Poster session (2)

Thursday, 8 September 2022 20:15 (1 hour)

Presenter: ROMPOTIS, Nikolaos

Contribution ID: 33

Type: **not specified**

Quantum Field Theory (6)

Wednesday, 7 September 2022 09:00 (45 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 34

Type: **not specified**

Quantum Field Theory (7)

Wednesday, 7 September 2022 09:50 (40 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 35

Type: **not specified**

Introduction to QED and QCD (6)

Wednesday, 7 September 2022 11:00 (1 hour)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: 36

Type: **not specified**

Introduction to QED and QCD (5)

Tuesday, 6 September 2022 17:45 (1 hour)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Afternoon lectures

Contribution ID: 37

Type: **not specified**

Quantum Field Theory (8)

Wednesday, 7 September 2022 17:45 (1 hour)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Afternoon lectures

Contribution ID: **38**

Type: **not specified**

Introduction to QED and QCD (3)

Tuesday, 6 September 2022 09:00 (45 minutes)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: 39

Type: **not specified**

Quantum Field Theory (4)

Tuesday, 6 September 2022 11:00 (1 hour)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 40

Type: **not specified**

Introduction to QED and QCD (4)

Tuesday, 6 September 2022 09:50 (40 minutes)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: 41

Type: **not specified**

Introduction to QED and QCD (7)

Thursday, 8 September 2022 09:00 (45 minutes)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: 42

Type: **not specified**

Introduction to QED and QCD (8)

Thursday, 8 September 2022 09:50 (40 minutes)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: 43

Type: **not specified**

Quantum Field Theory (9)

Thursday, 8 September 2022 11:00 (1 hour)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 44

Type: **not specified**

Introduction to QED and QCD (9)

Thursday, 8 September 2022 17:45 (1 hour)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Afternoon lectures

Contribution ID: 45

Type: **not specified**

Quantum Field Theory (10)

Friday, 9 September 2022 09:00 (45 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 46

Type: **not specified**

Quantum Field Theory (11)

Friday, 9 September 2022 09:50 (40 minutes)

Presenter: Dr STERGIOU, Andreas (King's College London)

Session Classification: Morning Lectures

Contribution ID: 47

Type: **not specified**

Introduction to QED and QCD (10)

Friday, 9 September 2022 11:00 (1 hour)

Presenter: ANDERSEN, Jeppe (IPPP)

Session Classification: Morning Lectures

Contribution ID: 48

Type: **not specified**

The Standard Model (1)

Friday, 9 September 2022 17:45 (1 hour)

Presenter: Dr PARAMESWARAN, Susha

Session Classification: Afternoon lectures

Contribution ID: 49

Type: **not specified**

Neutrinos and Dark Matter (1)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: 50

Type: **not specified**

Neutrinos and Dark Matter (2)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: **51**

Type: **not specified**

Lunch

Wednesday, 14 September 2022 12:00 (1 hour)

Contribution ID: 52

Type: **not specified**

Lunch

Tuesday, 13 September 2022 12:00 (1 hour)

Contribution ID: 53

Type: **not specified**

Lunch

Thursday, 15 September 2022 12:00 (1 hour)

Contribution ID: 54

Type: **not specified**

Lunch

Friday, 16 September 2022 12:00 (1 hour)

Contribution ID: 55

Type: **not specified**

Formal dinner

Thursday, 15 September 2022 20:15 (2h 30m)

Contribution ID: 56

Type: **not specified**

Drink reception

Thursday, 15 September 2022 19:30 (45 minutes)

Contribution ID: 57

Type: **not specified**

Colloquium: What does metaphysics has to do with (particle) physics?

Thursday, 15 September 2022 18:00 (1h 15m)

Presenter: Dr PINSENT, Andrew (Ian Ramsey Centre, University of Oxford)

Contribution ID: 58

Type: **not specified**

Collider Phenomenology (6)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Afternoon lectures

Contribution ID: 59

Type: **not specified**

Tutorial

Thursday, 15 September 2022 16:50 (1 hour)

Contribution ID: **60**

Type: **not specified**

Private study

Thursday, 15 September 2022 14:30 (2 hours)

Contribution ID: **61**

Type: **not specified**

Collider Phenomenology (5)

Thursday, 15 September 2022 09:00 (45 minutes)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Morning Lectures

Contribution ID: **62**

Type: **not specified**

Private study

Monday, 12 September 2022 13:00 (2h 30m)

Contribution ID: **63**

Type: **not specified**

Private study

Tuesday, 13 September 2022 13:00 (2h 30m)

Contribution ID: **64**

Type: **not specified**

Private study

Wednesday, 14 September 2022 13:00 (2h 30m)

Contribution ID: **65**

Type: **not specified**

Tutorial

Monday, 12 September 2022 15:30 (1h 30m)

Contribution ID: **66**

Type: **not specified**

Tutorial

Tuesday, 13 September 2022 15:30 (1h 30m)

Contribution ID: 67

Type: **not specified**

Poster session (4) + Summer school Picture at 17:00

Wednesday, 14 September 2022 15:30 (1h 30m)

Presenter: ROMPOTIS, Nikolaos

Contribution ID: **68**

Type: **not specified**

Collider Phenomenology (7)

Friday, 16 September 2022 09:40 (50 minutes)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Morning Lectures

Contribution ID: **69**

Type: **not specified**

Collider Phenomenology (1)

Monday, 12 September 2022 09:00 (45 minutes)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Morning Lectures

Contribution ID: 70

Type: **not specified**

Collider Phenomenology (2)

Monday, 12 September 2022 09:50 (40 minutes)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Morning Lectures

Contribution ID: 71

Type: **not specified**

The Standard Model (4)

Monday, 12 September 2022 11:00 (1 hour)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 72

Type: **not specified**

The Standard Model (5)

Monday, 12 September 2022 17:45 (1 hour)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Afternoon lectures

Contribution ID: 73

Type: **not specified**

Dinner

Monday, 12 September 2022 19:00 (1 hour)

Contribution ID: 74

Type: **not specified**

Poster session (3)

Monday, 12 September 2022 20:15 (1 hour)

Contribution ID: 75

Type: **not specified**

Dinner

Tuesday, 13 September 2022 19:00 (1 hour)

Contribution ID: 76

Type: **not specified**

Outdoors social event

Wednesday, 14 September 2022 19:00 (2 hours)

Contribution ID: 77

Type: **not specified**

Poster session (2)

Tuesday, 13 September 2022 20:00 (1 hour)

Contribution ID: 78

Type: **not specified**

The Standard Model (3)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 79

Type: **not specified**

Collider Phenomenology (3)

Tuesday, 13 September 2022 11:00 (40 minutes)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Morning Lectures

Contribution ID: **80**

Type: **not specified**

Neutrinos and Dark Matter (1)

Tuesday, 13 September 2022 09:00 (45 minutes)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: **81**

Type: **not specified**

Neutrinos and Dark Matter (5)

Friday, 16 September 2022 11:00 (1 hour)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: **82**

Type: **not specified**

Collider Phenomenology (6)

Thursday, 15 September 2022 09:50 (40 minutes)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Morning Lectures

Contribution ID: **83**

Type: **not specified**

Collider Phenomenology (4)

Wednesday, 14 September 2022 17:45 (1 hour)

Presenter: Dr VRYONIDOU, Eleni

Session Classification: Afternoon lectures

Contribution ID: **84**

Type: **not specified**

The Standard Model (7)

Wednesday, 14 September 2022 09:00 (45 minutes)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 85

Type: **not specified**

The Standard Model (6)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Afternoon lectures

Contribution ID: **86**

Type: **not specified**

The Standard Model (7)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 87

Type: **not specified**

The Standard Model (8)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: **88**

Type: **not specified**

The Standard Model (9)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: **89**

Type: **not specified**

Neutrinos and Dark Matter (2)

Tuesday, 13 September 2022 09:50 (40 minutes)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: **90**

Type: **not specified**

The Standard Model (3)

Saturday, 10 September 2022 10:00 (1 hour)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 91

Type: **not specified**

The Standard Model (2)

Saturday, 10 September 2022 09:00 (50 minutes)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 92

Type: **not specified**

The Standard Model (6)

Tuesday, 13 September 2022 17:45 (1 hour)

Presenter: Dr PARAMESWARAN, Susha

Session Classification: Afternoon lectures

Contribution ID: 93

Type: **not specified**

The Standard Model (8)

Wednesday, 14 September 2022 09:50 (40 minutes)

Presenter: Dr SUSHA, Parameswaran (University of Liverpool)

Session Classification: Morning Lectures

Contribution ID: 94

Type: **not specified**

Neutrinos and Dark Matter (3)

Wednesday, 14 September 2022 11:00 (1 hour)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: 95

Type: **not specified**

Neutrinos and Dark Matter (4)

Thursday, 15 September 2022 11:00 (1 hour)

Presenter: TURNER, Jessica (IPPP, Durham University)

Session Classification: Morning Lectures

Contribution ID: **96**

Type: **not specified**

Career event

Thursday, 15 September 2022 13:00 (1h 30m)