

Israeli school programme series

Report of Contributions

Contribution ID: 0

Type: **not specified**

Visit Atlas Visitor Centre

Summary

Contribution ID: 1

Type: **not specified**

Introduction to Accelerators

Tuesday 7 February 2023 11:00 (1h 30m)

Summary

Author: Dr GILARDONI, Simone (CERN)

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: 2

Type: **not specified**

Visit ATLAS

Contribution ID: 3

Type: **not specified**

Visit SC

Monday 6 February 2023 16:45 (45 minutes)

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 4

Type: **not specified**

Introduction to Accelerators

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: 5

Type: **not specified**

Searches for New Things

Summary

Presenter: BARAK, Liron (Tel Aviv University)

Contribution ID: 6

Type: **not specified**

Particle Detection

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 7

Type: **not specified**

Visit Data Centre

Wednesday 8 February 2023 09:00 (1 hour)

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 8

Type: **not specified**

Visit Microcosm

Contribution ID: 9

Type: **not specified**

Visit CCC

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **10**

Type: **not specified**

Medical Applications of Particle Physics

Tuesday 7 February 2023 09:00 (1h 30m)

Summary

Presenter: DOSANJH, Manjit

Contribution ID: **11**

Type: **not specified**

Visit ATLAS underground/review

Group 2 ATLAS, group 1 review

Contribution ID: 12

Type: **not specified**

Geneva Treasure Hunt

Contribution ID: 13

Type: **not specified**

Introduction to Accelerators

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: 14

Type: **not specified**

Particle Physics

Contribution ID: 15

Type: **not specified**

ATLAS Experiment

Presenter: BARAK, Liron (Tel Aviv University)

Contribution ID: **16**

Type: **not specified**

Depart Airport

Contribution ID: 17

Type: **not specified**

Visit SM-18

Contribution ID: **18**

Type: **not specified**

Welcome

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 19

Type: **not specified**

Arrive at airport

Sunday 5 February 2023 09:55 (1 hour)

Summary

Contribution ID: **20**

Type: **not specified**

Visit SC

Presenter: KUBELSKYI, Oleksandr

Contribution ID: **21**

Type: **not specified**

Welcome and Introduction to CERN

Monday 6 February 2023 09:00 (1h 30m)

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 22

Type: **not specified**

Visit Globe

Contribution ID: 23

Type: **not specified**

Visit Computer Centre

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **24**

Type: **not specified**

Visit LEIR

Tuesday 7 February 2023 16:00 (1 hour)

Summary

Presenters: MANGLUNKI, Django; STORR, Mick (University of Birmingham (GB))

Contribution ID: 25

Type: **not specified**

Particle Physics through the eyes of a theorist

Summary

Presenter: KATS, Yevgeny (Ben-Gurion University)

Contribution ID: 26

Type: **not specified**

Discover Geneva Treasure Hunt

Summary

Contribution ID: 27

Type: **not specified**

Cosmology

Presenter: LELLOUCH, Daniel (Weizmann Institute of Science (IL))

Contribution ID: 28

Type: **not specified**

Supersymmetry

Presenter: GOZANI, Eitan (Technion- Israel Institute of Technology (IL))

Contribution ID: 29

Type: **not specified**

Search for Dark Matter

Presenter: LELLOUCH, Daniel (Weizmann Institute of Science (IL))

Contribution ID: **30**

Type: **not specified**

Visit anti-matter factory

Contribution ID: **31**

Type: **not specified**

Israel@CERN and the ATLAS experiment

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 32

Type: **not specified**

Visit ATLAS

Contribution ID: 33

Type: **not specified**

Visit Antimatter Factory

Contribution ID: **34**

Type: **not specified**

Visit Anti-matter Factory

Monday 6 February 2023 15:00 (1 hour)

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 35

Type: **not specified**

Review

Contribution ID: 36

Type: **not specified**

Where the Web was Born

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 37

Type: **not specified**

Introduction to Cosmology

Presenter: LELLOUCH, Daniel (Weizmann Institute of Science (IL))

Contribution ID: 38

Type: **not specified**

Visit Globe

Contribution ID: 39

Type: **not specified**

Gravitational Waves: a World-Shaking Discovery

Presenter: ELLIS, Jonathan R. (University of London (GB))

Contribution ID: 40

Type: **not specified**

Visit Super Conducting Magnet Test Facility

Contribution ID: 41

Type: **not specified**

Visit AMS

Contribution ID: 42

Type: **not specified**

Q/A

Contribution ID: 43

Type: **not specified**

Review

Contribution ID: 44

Type: **not specified**

Introduction to CMS

Presenter: Dr TRACZYK, Piotr (CERN)

Contribution ID: 45

Type: **not specified**

Visit AMS and CCC

Contribution ID: 46

Type: **not specified**

Introduction to CMS

Presenter: Dr TRACZYK, Piotr (CERN)

Contribution ID: 47

Type: **not specified**

Visit Globe and Microcosm

Summary

Contribution ID: 48

Type: **not specified**

Introduction to Accelerators

Summary

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: 49

Type: **not specified**

Review

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 50

Type: **not specified**

Israel@CERN and Introduction to ATLAS

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 51

Type: **not specified**

Particle Detection

Summary

Contribution ID: 52

Type: **not specified**

Review

Contribution ID: 53

Type: **not specified**

G1 Visit ATLAS

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 54

Type: **not specified**

Visit Globe and Microcosm

Contribution ID: 55

Type: **not specified**

Visit Anti-matter Factory

Contribution ID: 56

Type: **not specified**

Visit CCC and AMS

Contribution ID: 57

Type: **not specified**

Search for new things

Presenter: BARAK, Liron (Tel Aviv University)

Contribution ID: 58

Type: **not specified**

Searching for non-conventional final states

Summary

Presenter: KOPELIANSKY, Revital (Indiana University (US))

Contribution ID: 59

Type: **not specified**

G2 Visit ATLAS

Summary

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **60**

Type: **not specified**

Medical Applications of Particle Physics

Summary

Presenter: DOSANJH, Manjit

Contribution ID: **61**

Type: **not specified**

Introduction to Cosmology

Presenter: PEREZ, Gilad (Weizmann)

Contribution ID: **62**

Type: **not specified**

Visit ATLAS Group 2

Contribution ID: **63**

Type: **not specified**

Visit SC

Contribution ID: **64**

Type: **not specified**

Visit SC

Contribution ID: 65

Type: **not specified**

Leave for airport

Contribution ID: 66

Type: **not specified**

Programme review and close

Contribution ID: 67

Type: **not specified**

Address by the Vice President of CERN Council

Summary

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: **68**

Type: **not specified**

Visit ATLAS

Contribution ID: **69**

Type: **not specified**

Visit ATLAS Group 3

Contribution ID: 70

Type: **not specified**

Visit Microcosm

Contribution ID: 71

Type: **not specified**

G3 Visit ATLAS

Summary

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: 72

Type: **not specified**

Beyond the Standard Model

Presenter: DUCHOVNI, Ehud (Weizmann Institute of Science (IL))

Contribution ID: 73

Type: **not specified**

Visit LEIR

Contribution ID: 74

Type: **not specified**

Introduction to Anti-matter

Summary

Presenter: SARID, Elazar (At.En. Comm., Nucl. Res. Cen. Negev (IL))

Contribution ID: 75

Type: **not specified**

Visits

Contribution ID: 76

Type: **not specified**

Principles of Particle Detection

Presenter: BRESSLER, Shikma (Weizmann Institute of Science (IL))

Contribution ID: 77

Type: **not specified**

Searching for non-conventional final states

Summary

Presenter: TAREM, Shlomit (Technion- Israel Institute of Technology (IL))

Contribution ID: 78

Type: **not specified**

Visit SC

Contribution ID: 79

Type: **not specified**

Search for new physics

Summary

Presenter: BARAK, Liron (University of Tel Aviv)

Contribution ID: 80

Type: **not specified**

Check-in hotel

Contribution ID: **81**

Type: **not specified**

Depart to airport

Summary

Contribution ID: **82**

Type: **not specified**

Visit Microcosm Exhibition

Contribution ID: 83

Type: **not specified**

Medical Applications of Particle Physics

Presenter: DOSANJH, Manjit

Contribution ID: **84**

Type: **not specified**

Q/A

Summary

Presenters: KATS, Yevgeny (Ben-Gurion University); KORATZINOS, m (Paul Scherrer Institute (CH))

Contribution ID: 85

Type: **not specified**

The ATLAS experiment and Israel@CERN

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **86**

Type: **not specified**

The ATLAS small wheel project

Presenter: BENHAMMOU, Yan (Tel Aviv University (IL))

Contribution ID: 87

Type: **not specified**

Visit Globe

Summary

Contribution ID: **88**

Type: **not specified**

Visit ATLAS

Contribution ID: 89

Type: **not specified**

Unified theories successes, challenges and magic

Summary

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: **90**

Type: **not specified**

Review

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **91**

Type: **not specified**

Cosmology

Summary

Presenter: BLUM, Kfir (CERN)

Contribution ID: **92**

Type: **not specified**

Particle Physics

Presenter: KOREN, Guy

Contribution ID: 93

Type: **not specified**

The need for new theories

Summary

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: 94

Type: **not specified**

Higgs and surprises beyond the standard model

Summary

Presenter: BARAK, Liron (Tel Aviv University)

Contribution ID: 95

Type: **not specified**

Visit AMS, CCC, CMS

Contribution ID: 96

Type: **not specified**

Transport to accommodation

Summary

Contribution ID: 97

Type: **not specified**

Treasure Hunt

Contribution ID: **98**

Type: **not specified**

Dinner at CERN

Contribution ID: 99

Type: **not specified**

Introduction to Particle Physics and ATLAS

Summary

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **100**

Type: **not specified**

Particle Detection

Contribution ID: **101**

Type: **not specified**

Visit ATLAS

Summary

Presenters: MIKENBERG, George (Weizmann Institute of Science (IL)); STORR, Mick (University of Birmingham (GB))

Contribution ID: **102**

Type: **not specified**

Introduction to Accelerators

Presenter: Dr GILARDONI, Simone (CERN)

Contribution ID: **103**

Type: **not specified**

Introduction to CMS

Wednesday 8 February 2023 10:30 (1h 30m)

Summary

Presenter: Dr TRACZYK, Piotr (CERN)

Contribution ID: **104**

Type: **not specified**

Search for new physics

Summary

Presenter: BARAK, Liron (Tel Aviv University)

Contribution ID: **105**

Type: **not specified**

Visit LEIR and AD

Contribution ID: **106**

Type: **not specified**

Visit Globe

Contribution ID: **107**

Type: **not specified**

Visit SC

Contribution ID: **108**

Type: **not specified**

Unified theories successes, challenges and magic

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: **109**

Type: **not specified**

Visit LEIR

Contribution ID: **110**

Type: **not specified**

Hadron Therapy

Summary

Presenter: KORATZINOS, m (Paul Scherrer Institute (CH))

Contribution ID: **111**

Type: **not specified**

Visit CMS

Contribution ID: **112**

Type: **not specified**

Cosmology

Presenter: BLUM, Kfir (CERN)

Contribution ID: **113**

Type: **not specified**

Particle Detection

Summary

Contribution ID: **114**

Type: **not specified**

Visit CCC

Summary

Contribution ID: **115**

Type: **not specified**

Visit SM-18

Contribution ID: **116**

Type: **not specified**

Visit AMS

Contribution ID: 117

Type: **not specified**

Arrive at airport IASA

Contribution ID: **118**

Type: **not specified**

Transport to CERN

Contribution ID: **119**

Type: **not specified**

ATLAS and Israel

Summary

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **120**

Type: **not specified**

Search for new physics

Summary

Presenter: BARAK, Liron (Tel Aviv University)

Contribution ID: **121**

Type: **not specified**

Visit AD

Contribution ID: **122**

Type: **not specified**

Visit Computer Centre

Contribution ID: **123**

Type: **not specified**

Visit CMS

Contribution ID: **124**

Type: **not specified**

Visit LEIR

Contribution ID: 125

Type: **not specified**

Programme Review

Summary

Contribution ID: **126**

Type: **not specified**

Visit AMS

Contribution ID: 127

Type: **not specified**

Depart to airport IASA

Contribution ID: **128**

Type: **not specified**

Visit Globe

Contribution ID: **129**

Type: **not specified**

Visit CMS

Contribution ID: **130**

Type: **not specified**

Visit CMS

Contribution ID: **131**

Type: **not specified**

Visit ATLAS G1

Contribution ID: **132**

Type: **not specified**

Visit ATLAS G2

Contribution ID: **133**

Type: **not specified**

Visit ATLAS G3

Contribution ID: 134

Type: **not specified**

Visit Microcosm

Contribution ID: 135

Type: **not specified**

Brief Introduction to Anti-Matter

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **136**

Type: **not specified**

Visit AD

Contribution ID: 137

Type: **not specified**

G1 - 14.00 ATLAS underground, 14.30 ATLAS Film, 15.00 Globe

Summary

Presenters: MIKENBERG, George (Weizmann Institute of Science (IL)); STORR, Mick (University of Birmingham (GB))

Contribution ID: **138**

Type: **not specified**

G2 - 14:00 ATLAS film, 14.30 ATLAS underground, 15.00 Globe

Presenters: MIKENBERG, George (Weizmann Institute of Science (IL)); STORR, Mick (University of Birmingham (GB))

Contribution ID: **139**

Type: **not specified**

G3 - 14.00 Globe, 15.00 ATLAS underground, 15.30 ATLAS film

Presenters: MIKENBERG, George (Weizmann Institute of Science (IL)); STORR, Mick (University of Birmingham (GB))

Contribution ID: **140**

Type: **not specified**

Unified theories successes, challenges and magic

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: **141**

Type: **not specified**

Visit Data Centre

Contribution ID: **142**

Type: **not specified**

Visit Synchrocyclotron

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **143**

Type: **not specified**

Brief Introduction to Anti-Matter

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: 144

Type: **not specified**

Treasure Hunt

Contribution ID: 145

Type: **not specified**

Arrive at CERN reception and walk to lecture room

Contribution ID: **146**

Type: **not specified**

Visit ATLAS G4

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **147**

Type: **not specified**

Review

Contribution ID: **148**

Type: **not specified**

Visit SC

Contribution ID: **149**

Type: **not specified**

Review

Contribution ID: **150**

Type: **not specified**

Visit Globe

Contribution ID: **151**

Type: **not specified**

Visit CMS

Contribution ID: **152**

Type: **not specified**

Visit Anti-matter factory

Contribution ID: **153**

Type: **not specified**

Visit SC

Contribution ID: 154

Type: **not specified**

The mysterious dark matter

Presenter: LELLOUCH, Daniel (Weizmann Institute of Science (IL))

Contribution ID: 155

Type: **not specified**

Arrive airport - Beit-Yerach

Contribution ID: **156**

Type: **not specified**

Visit AMS

Summary

Contribution ID: **157**

Type: **not specified**

Visit Globe

Contribution ID: **158**

Type: **not specified**

Visit ATLAS

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **159**

Type: **not specified**

Visit Globe

Contribution ID: **160**

Type: **not specified**

Medical Applications of Particle Physics

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **161**

Type: **not specified**

Cosmology

Presenter: BLUM, Kfir (CERN)

Contribution ID: **162**

Type: **not specified**

Particle Detection

Contribution ID: **163**

Type: **not specified**

Visit ATLAS small wheel lab

Summary

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **164**

Type: **not specified**

Visit Anti-Matter Factory

Summary

Contribution ID: **165**

Type: **not specified**

Visit Synchrocyclotron

Contribution ID: **166**

Type: **not specified**

Review

Contribution ID: **167**

Type: **not specified**

Visit Anti-Matter Factory (Ulpanit ORT Yeshiva Tichonit Tiberias, ORT Bamaale Tiberias)

Summary

Contribution ID: **168**

Type: **not specified**

Theoretical Particle Physics

Presenter: SOREQ, Yotam (Technion- Israel Institute of Technology (IL))

Contribution ID: **169**

Type: **not specified**

Arrival Ulpanit ORT Yeshiva Tichonit Tiberias, ORT Bamaale Tiberias

Contribution ID: **170**

Type: **not specified**

Transport to accommodation

Sunday 5 February 2023 11:00 (30 minutes)

Contribution ID: 171

Type: **not specified**

Visit Computer Centre

Contribution ID: 172

Type: **not specified**

Leave for airport

Contribution ID: **173**

Type: **not specified**

Visit CMS

Wednesday 8 February 2023 14:30 (2 hours)

Summary

Presenters: MARTIN MELERO, Inigo (CERN); STORR, Mick (University of Birmingham (GB))

Contribution ID: 174

Type: **not specified**

Theoretical Particle Physics

Contribution ID: 175

Type: **not specified**

Programme review and close

Contribution ID: 176

Type: **not specified**

Visit local school

Contribution ID: **177**

Type: **not specified**

Depart Geneva

Friday 10 February 2023 06:45 (1 hour)

Summary

Contribution ID: **178**

Type: **not specified**

Magic

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: **179**

Type: **not specified**

Cosmology

Contribution ID: **180**

Type: **not specified**

Introduction to Particle Physics and ATLAS

Presenter: MIKENBERG, George (Weizmann Institute of Science (IL))

Contribution ID: **181**

Type: **not specified**

Visit ATLAS Visitor Centre

Contribution ID: **182**

Type: **not specified**

Visit CCC

Contribution ID: **183**

Type: **not specified**

Theoretical Particle Physics

Presenter: SOREQ, Yotam (Technion- Israel Institute of Technology (IL))

Contribution ID: **184**

Type: **not specified**

Introduction to Medical Applications of Particle Physics (tbc)

Contribution ID: **185**

Type: **not specified**

Visit ATLAS (Group 2)

Presenters: MIKENBERG, George (Weizmann Institute of Science (IL)); BENHAMMOU, Yan (Tel Aviv University (IL))

Contribution ID: **186**

Type: **not specified**

Visit Microcosm

Contribution ID: **187**

Type: **not specified**

Visit Globe (Group 1)

Contribution ID: **188**

Type: **not specified**

Transport to CERN

Contribution ID: **189**

Type: **not specified**

Treasure Hunt

Sunday 5 February 2023 13:00 (5 hours)

Contribution ID: **190**

Type: **not specified**

Results, Challenges and Magic

Summary

Presenter: RABINOVICI, Eliezer (Weizmann Institute of Science (IL))

Contribution ID: **191**

Type: **not specified**

Passport Big Bang

Tour including ALICE, CCC, AMS, LHCb, UA1 , SM-18, ATLAS

Contribution ID: **192**

Type: **not specified**

Introduction to ATLAS and Particle Physics

Monday 6 February 2023 11:00 (1h 30m)

Summary

Presenter: PASCUAL DOMINGUEZ, Luis (Tel Aviv University (IL))

Contribution ID: 193

Type: **not specified**

Passport Big Bang

Summary

Contribution ID: **194**

Type: **not specified**

Dark Matter

Summary

Presenter: RODD, Nicholas Llewellyn (CERN)

Contribution ID: **195**

Type: **not specified**

Build a Cloud Chamber

Summary

Contribution ID: **196**

Type: **not specified**

Visit Synchrocyclotron

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **197**

Type: **not specified**

Producing anti-hydrogen

Monday 6 February 2023 14:00 (30 minutes)

Summary

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **198**

Type: **not specified**

Debrief

Presenter: STORR, Mick (University of Birmingham (GB))

Contribution ID: **199**

Type: **not specified**

Meet CERN Israeli community

Thursday 9 February 2023 09:30 (2h 30m)

Summary

Authors: AFIK, Yoav; MANIATIS, Ioannis

Presenters: AFIK, Yoav; Prof. PEREZ, Gilad (Weizmann); MANIATIS, Ioannis

Contribution ID: **200**

Type: **not specified**

The Discovery of the Higgs boson at ATLAS

Tuesday 7 February 2023 14:55 (1h 5m)

Summary

Author: GROSS, Eilam

Presenter: GROSS, Eilam

Contribution ID: **201**

Type: **not specified**

Visit CCC

Wednesday 8 February 2023 17:00 (30 minutes)

Presenter: STORR, Mick (University of Birmingham (GB))