

Fermilab 2022 Summer Students School - INTENSE ITN Meeting



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome - Summer Students - Questions and Answers

Monday, 18 July 2022 15:30 (30 minutes)

Presenter: DONATI, Simone (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 2

Type: **not specified**

Visit to the European Gravitational Observatory (Cascina)

Students will be picked up by a shuttle at the Department of Physics and driven to the EGO site in Cascina which is 12 km from Pisa.

9:30 am Seminar on the physics of Gravitational Waves and experiments (Virgo, Ligo, Kagra).

10:15 am Visit to the Virgo Experiment.

12:30 pm Return to Pisa.

Contribution ID: 3

Type: **not specified**

Lunch Break

Tuesday, 19 July 2022 13:00 (2 hours)

Contribution ID: 4

Type: **not specified**

Lunch Break

Wednesday, 20 July 2022 13:00 (2 hours)

Contribution ID: 5

Type: **not specified**

Summer Students Program at Fermilab - Questions and Answers

Presenter: DONATI, Simone (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 6

Type: **not specified**

Tea Break

Monday, 18 July 2022 16:45 (15 minutes)

Contribution ID: 7

Type: **not specified**

The Italian Scientists and Scholars in North America Foundation (ISSNAF)

Monday, 18 July 2022 18:25 (35 minutes)

Presenter: ZUFFADA, Cinzia

Contribution ID: 8

Type: **not specified**

The Mu2e Experiment

Tuesday, 19 July 2022 15:00 (35 minutes)

Presenter: BERNSTEIN, Robert Bernstein (Fermilab)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 9

Type: **not specified**

Muon (g-2)

Tuesday, 19 July 2022 17:45 (20 minutes)

Presenter: BOTTALICO, Elia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: **10**

Type: **not specified**

Muon (g-2)

Tuesday, 19 July 2022 18:05 (20 minutes)

Presenter: COTROZZI, Lorenzo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 11

Type: **not specified**

Muon (g-2)

Tuesday, 19 July 2022 18:25 (20 minutes)

Presenter: DRIUTTI, Anna

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 12

Type: **not specified**

Tea Break

Tuesday, 19 July 2022 16:45 (30 minutes)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 13

Type: **not specified**

The Mu2e Experiment

Presenter: BERNSTEIN, Robert (Fermilab)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 14

Type: **not specified**

The Mu2e Straw Tracker

Tuesday, 19 July 2022 15:35 (35 minutes)

Presenter: MURAT, Pavel

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 15

Type: **not specified**

The Mu2e Electromagnetic Calorimeter

Tuesday, 19 July 2022 16:10 (35 minutes)

Presenter: SARRA, Ivano (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 16

Type: **not specified**

Scientific Computing at Fermilab

Wednesday, 20 July 2022 15:00 (45 minutes)

Presenter: MAMBELLI, Marco (Fermilab)

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: 17

Type: **not specified**

Quantum Computing at Fermilab and in the US

Presenter: Dr GIACCONE, Bianca

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: **18**

Type: **not specified**

Quantum Technologies at Fermilab and in the US

Wednesday, 20 July 2022 16:00 (45 minutes)

Presenter: ZORZETTI, Silvia

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: **19**

Type: **not specified**

Tea Break

Wednesday, 20 July 2022 15:45 (15 minutes)

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: 20

Type: **not specified**

Superconducting Magnets for Particle Accelerators

Wednesday, 20 July 2022 18:15 (45 minutes)

Presenter: BARZI, Emanuela (Fermi National Accelerator Laboratory)

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: 21

Type: **not specified**

The Fermilab Neutrino Program

Monday, 18 July 2022 16:00 (45 minutes)

Presenter: EREDITATO, Antonio

Contribution ID: 22

Type: **not specified**

The Scientific Collaborations between Italy and the United States

Monday, 18 July 2022 17:45 (40 minutes)

Presenter: BIASINI, Maurizio (PG)

Contribution ID: 23

Type: **not specified**

Accelerators and Beam Physics Research

Wednesday, 20 July 2022 16:45 (45 minutes)

Presenters: STANCARI, Giulio (FE); STANCARI, Giulio (Fermilab)

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: 24

Type: **not specified**

The Icarus Experiment, Detector Commissioning and Data Taking

Wednesday, 20 July 2022 09:00 (45 minutes)

Presenters: FAVA, Angela; FAVA, Angela (Universita' degli Studi di Padova e I.N.F.N. Sezione di Padova)

Contribution ID: 25

Type: **not specified**

The Icarus Experiment, Data Analysis

Wednesday, 20 July 2022 09:45 (45 minutes)

Presenter: FARNESE, Christian (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 26

Type: **not specified**

Coffee Break

Wednesday, 20 July 2022 10:30 (30 minutes)

Contribution ID: 27

Type: **not specified**

Test

Thursday, 21 July 2022 11:00 (20 minutes)

Presenter: DONATI, Simone (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 28

Type: **not specified**

Developing DAQ Systems for Particle Physics Experiments

Wednesday, 20 July 2022 17:30 (45 minutes)

Presenters: PEDRESCHI, Elena (Istituto Nazionale di Fisica Nucleare); SPINELLA, Franco (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fundamental research and new technologies, a winning combination

Contribution ID: 29

Type: **not specified**

Deep Underground Neutrino Experiment

Monday, 18 July 2022 17:00 (45 minutes)

Presenter: GIL-BOTELLA, Inés (CIEMAT)

Contribution ID: **30**

Type: **not specified**

The SBND Experiment

Wednesday, 20 July 2022 11:00 (30 minutes)

Presenter: GARCIA-GAMEZ, Diego (The University of Manchester)

Contribution ID: **31**

Type: **not specified**

The MicroBooNE Experiment

Wednesday, 20 July 2022 11:30 (30 minutes)

Presenter: Dr CRESPO-ANADON, Jose (Ciemat)

Contribution ID: 32

Type: **not specified**

Muon (g-2)

Tuesday, 19 July 2022 17:15 (30 minutes)

Presenters: GIROTTI, Paolo (INFN Pisa); GIROTTI, Paolo (Pi)

Session Classification: Fermilab Muon Campus Experiments

Contribution ID: 33

Type: **not specified**

The Virgo Experiment

Tuesday, 19 July 2022 09:00 (1 hour)

Presenters: BOSCHI, Valerio (Istituto Nazionale di Fisica Nucleare); BOSCHI, Valerio (PI)

Session Classification: Visit to the European Gravitational Observatory