

Session Program

17-21 Sept 2018



Pisa School on Future Colliders 2018

Lectures

Pisa, Building C, room 131
Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

Monday 17 September

14:00

Lectures

Session |

Location: Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

14:00–14:20 **Greetings from Authorities**

14:20–14:30 **Greetings from the local committee**

14:30–14:40 **General information**

14:40–16:30 **Theory overview: status and prospects**

Speaker

Michelangelo Mangano

16:30–17:00 **Coffe break**

17:00–18:50 **Experimental status and future accelerator opportunities**

Speaker

Fulvio Piccinini

18:50

Tuesday 18 September

09:00

Lectures

Session |

Location: Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

09:00-10:00 **Physics at e+e- colliders (40+10)**

Speaker

Fulvio Piccinini

10:00-11:00 **Machine aspects for e+e- colliders**

Speaker

Frank Zimmermann

11:00-11:30 **Coffe break**

11:30-12:30 **Detector options for e+e- colliders**

Speaker

Joao Barreiro Guimaraes Da Costa

12:30

14:00

Lectures

Session | **Location:** Pisa, Sala Azzurra, Scuola Normale Superiore, Piazza dei Cavalieri

14:00-14:50 **Physics at future pp colliders**

Speaker

Michelangelo Mangano

14:50-15:40 **Machine aspects for future pp colliders**

Speaker

Frank Zimmermann

15:40-16:30 **Detector options for future pp colliders**

Speaker

Werner Riegler

16:30-17:00 **Coffe break**

17:00-18:00 **The cellular and molecular nature of memory traces in the brain**

Speaker

Prof. Antonio Cattaneo

18:00-19:00 **Photographic show in the SNS library**

Speakers

Alberto Lusiani, Franco Ligabue, Simone Stracka

20:30

19:00-20:00 **Apero**

Wednesday 19 September

09:00

Lectures

Session |**Location:** Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

09:00-10:00

Computing and analysis challenges

Speaker

Sofia Vallecorsa

10:00-10:30

Delphes tutorial

Speaker

Michele Selvaggi

10:30-11:00

Coffe break

11:00-12:30

Delphes tutorial - hands on tutorial room A1 Building B

Speaker

Michele Selvaggi

12:30

14:00

Lectures: Excursion

Session |**Location:** Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

17:30

Thursday 20 September

09:00

Lectures

Session |

Location: Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

09:00–10:00 **Selected physics measurements**

Speaker

Marumi Kado

10:00–10:45 **Tutorial on NN, BDT, etc**

Speaker

Dr Sofia Vallecorsa

10:45–11:15 **Coffe break**

11:15–12:30 **Tutorial on NN, BDT, etc - hands on tutorial room A1 Building B**

Speaker

Dr Sofia Vallecorsa

12:30

14:00

Lectures

Session |

Location: Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

14:00–14:50 **Muon collider: Machine issues**

Speaker

Pantaleo Raimondi

14:50–15:40 **Muon collider: physics and experiment**

Speaker

Andrea Wulzer

15:40–16:30 **Tutorial GEANT4**

Speakers

Andrea Dotti, Andrea Dotti, Dotti Andrea

16:30–17:00 **Coffe break**

17:00–18:00 **Tutorial GEANT4 - hands on tutorial room B Building B**

Speakers

Andrea Dotti, Andrea Dotti, Dotti Andrea

18:25

Friday 21 September

09:00

Lectures

Session |

Location: Pisa, Building C, room 131, Università di Pisa Polo Didattico Fibonacci Edificio C Largo Bruno Pontecorvo, 3 I-56127 Pisa

09:00-10:00 **Precise top mass measurement**

Speaker

Marina Cobal

10:00-11:00 **Theory overview**

Speaker

Richard Keith Ellis

11:00-11:30 **Coffe break**

11:30-12:30 **Other acceleration techniques**

Speaker

massimo ferrario

12:30-12:40 **Farewell**

13:10