

Summer school: Les Houches on Dark Universe

Report of Contributions

Contribution ID: 2

Type: **not specified**

Long lecture 1

Monday, July 7, 2025 4:00 PM (1h 30m)

Presenter: FERREIRA, Pedro

Session Classification: Lecture: The standard model of cosmology: a critique of its status

Contribution ID: 3

Type: **not specified**

Long lecture 2

Monday, July 7, 2025 6:00 PM (1h 30m)

Presenter: FERREIRA, Pedro

Session Classification: Lecture: The standard model of cosmology: a critique of its status

Contribution ID: 4

Type: **not specified**

Long lecture 3

Tuesday, July 8, 2025 9:00 AM (1h 30m)

Presenter: FERREIRA, Pedro

Session Classification: Lecture: The standard model of cosmology: a critique of its status

Contribution ID: 5

Type: **not specified**

Long lecture 4

Tuesday, July 8, 2025 2:00 PM (1h 30m)

Presenter: FERREIRA, Pedro

Session Classification: Lecture: The standard model of cosmology: a critique of its status

Contribution ID: 6

Type: **not specified**

Long lecture 1

Tuesday, July 8, 2025 11:00 AM (1h 30m)

Presenter: BURGESS, Cliff

Session Classification: Lecture: Dark energy-vs-high energy physics

Contribution ID: 7

Type: **not specified**

Long lecture 2

Tuesday, July 8, 2025 4:00 PM (1h 30m)

Presenter: BURGESS, Cliff

Session Classification: Lecture: Dark energy-vs-high energy physics

Contribution ID: 8

Type: **not specified**

Long lecture 3

Wednesday, July 9, 2025 11:00 AM (1h 30m)

Presenter: BURGESS, Cliff

Session Classification: Lecture: Dark energy-vs-high energy physics

Contribution ID: 9

Type: **not specified**

Long lecture 4

Thursday, July 10, 2025 11:00 AM (1h 30m)

Presenter: BURGESS, Cliff

Session Classification: Lecture: Dark energy-vs-high energy physics

Contribution ID: **10**

Type: **not specified**

Long lecture 1

Thursday, July 10, 2025 2:00 PM (1h 30m)

Presenter: SEMELIN, Benoit

Session Classification: Lecture: Physics of the dark ages

Contribution ID: 11

Type: **not specified**

Long lecture 2

Friday, July 11, 2025 9:00 AM (1h 30m)

Presenter: SEMELIN, Benoit

Session Classification: Lecture: Physics of the dark ages

Contribution ID: 12

Type: **not specified**

Long lecture 3

Monday, July 14, 2025 9:00 AM (1h 30m)

Presenter: SEMELIN, Benoit

Session Classification: Lecture: Physics of the dark ages

Contribution ID: 13

Type: **not specified**

Short lecture

Friday, July 11, 2025 11:00 AM (1h 30m)

Presenter: AUBERT, Dominique

Session Classification: Lecture: Physics of the dark ages

Contribution ID: 14

Type: **not specified**

Long lecture 1

Monday, July 21, 2025 9:00 AM (1h 30m)

Presenter: LESGOURGUES, Julien

Session Classification: Lecture: Advanced CMB physics

Contribution ID: 15

Type: **not specified**

Long lecture 2

Tuesday, July 22, 2025 9:00 AM (1h 30m)

Presenter: LESGOURGUES, Julien

Session Classification: Lecture: Advanced CMB physics

Contribution ID: 16

Type: **not specified**

Long lecture 3

Wednesday, July 23, 2025 9:00 AM (1h 30m)

Presenter: LESGOURGUES, Julien

Session Classification: Lecture: Advanced CMB physics

Contribution ID: 17

Type: **not specified**

Long lecture 4

Thursday, July 24, 2025 9:00 AM (1h 30m)

Presenter: LESGOURGUES, Julien

Session Classification: Lecture: Advanced CMB physics

Contribution ID: **18**

Type: **not specified**

Long lecture 5

Friday, July 25, 2025 9:00 AM (1h 30m)

Presenter: LESGOURGUES, Julien

Session Classification: Lecture: Advanced CMB physics

Contribution ID: **19**

Type: **not specified**

Long lecture 1

Monday, July 21, 2025 11:00 AM (1h 30m)

Presenter: UHLEMANN, Cora

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 20

Type: **not specified**

Long lecture 2

Tuesday, July 22, 2025 11:00 AM (1h 30m)

Presenter: UHLEMANN, Cora

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 21

Type: **not specified**

Long lecture 3

Wednesday, July 23, 2025 11:00 AM (1h 30m)

Presenter: UHLEMANN, Cora

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 22

Type: **not specified**

Long lecture 4

Thursday, July 24, 2025 11:00 AM (1h 30m)

Presenter: UHLEMANN, Cora

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 23

Type: **not specified**

Short course

Tuesday, July 22, 2025 2:00 PM (1h 30m)

Presenter: GALLI, Silvia (IAP)

Session Classification: Lecture: Advanced CMB physics

Contribution ID: 24

Type: **not specified**

Short course

Wednesday, July 23, 2025 2:00 PM (1h 30m)

Presenter: PITROU, Cyril

Session Classification: Lecture: Advanced CMB physics

Contribution ID: 25

Type: **not specified**

Short course

Thursday, July 24, 2025 2:00 PM (1h 30m)

Presenter: LAIGLE, Clotilde

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 26

Type: **not specified**

Short course

Friday, July 25, 2025 2:00 PM (1h 30m)

Presenter: KRAUSE, Elisabeth

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 27

Type: **not specified**

Long lecture 1

Monday, July 28, 2025 9:00 AM (1h 30m)

Presenter: POULIN, Vivian

Session Classification: Lecture: Standard model tensions

Contribution ID: 28

Type: **not specified**

Long lecture 2

Tuesday, July 29, 2025 2:00 PM (1h 30m)

Presenter: POULIN, Vivian

Session Classification: Lecture: Standard model tensions

Contribution ID: 29

Type: **not specified**

Long lecture 1

Monday, July 28, 2025 2:00 PM (1h 30m)

Presenter: DI VALENTINO, Eleonora

Session Classification: Lecture: Standard model tensions

Contribution ID: **30**

Type: **not specified**

Long lecture 2

Tuesday, July 29, 2025 9:00 AM (1h 30m)

Presenter: DI VALENTINO, Eleonora

Session Classification: Lecture: Standard model tensions

Contribution ID: **31**

Type: **not specified**

Short course

Monday, July 28, 2025 11:00 AM (1h 30m)

Presenter: MORADINZEHAD, Azadeh

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: **32**

Type: **not specified**

Short course

Tuesday, July 29, 2025 11:00 AM (1h 30m)

Presenter: LECLERCQ, Florent (Institut d'Astrophysique de Paris)

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 33

Type: **not specified**

Short course

Wednesday, July 30, 2025 11:00 AM (1h 30m)

Presenter: LANUSSE, Francois (CNRS)

Session Classification: Lecture: Large scale structures of the universe: physics, phenomenology, statistics

Contribution ID: 34

Type: **not specified**

Long lecture 1

Wednesday, July 30, 2025 9:00 AM (1h 30m)

Presenter: VAN WAERBEKE, Ludovic

Session Classification: Lecture: Dark matter alternatives

Contribution ID: 35

Type: **not specified**

Long lecture 2

Thursday, July 31, 2025 9:00 AM (1h 30m)

Presenter: VAN WAERBEKE, Ludovic

Session Classification: Lecture: Dark matter alternatives

Contribution ID: 36

Type: **not specified**

Short course

Thursday, July 31, 2025 11:00 AM (1h 30m)

Presenter: FAMAÉY, Benoit

Session Classification: Lecture: Dark matter alternatives

Contribution ID: 37

Type: **not specified**

Short course

Wednesday, July 30, 2025 2:00 PM (1h 30m)

Presenter: ARMENGAUD, Eric

Session Classification: Lecture: Dark matter alternatives

Contribution ID: **38**

Type: **not specified**

Short course

Thursday, July 31, 2025 2:00 PM (1h 30m)

Presenter: CORREA, Camila

Session Classification: Lecture: Dark matter alternatives

Contribution ID: 39

Type: **not specified**

Short course

Monday, July 21, 2025 2:00 PM (1h 30m)

Presenter: AGHANIM, Nabila

Session Classification: Lecture: Advanced CMB physics

Contribution ID: 40

Type: **not specified**

Long lecture 1

Tuesday, July 15, 2025 9:00 AM (1h 30m)

Presenter: TEYSSIER, Romain

Session Classification: Lecture: Numerical cosmology

Contribution ID: 41

Type: **not specified**

Long lecture 2

Wednesday, July 16, 2025 9:00 AM (1h 30m)

Presenter: TEYSSIER, Romain

Session Classification: Lecture: Numerical cosmology

Contribution ID: 42

Type: **not specified**

Long lecture 3

Thursday, July 17, 2025 9:00 AM (1h 30m)

Presenter: TEYSSIER, Romain

Session Classification: Lecture: Numerical cosmology

Contribution ID: 43

Type: **not specified**

Long lecture 4

Friday, July 18, 2025 9:00 AM (1h 30m)

Presenter: TEYSSIER, Romain

Session Classification: Lecture: Numerical cosmology

Contribution ID: 44

Type: **not specified**

Short lecture

Wednesday, July 16, 2025 2:00 PM (1h 30m)

Presenter: HAHN, Oliver

Session Classification: Lecture: Numerical cosmology

Contribution ID: 45

Type: **not specified**

Short lecture

Thursday, July 17, 2025 2:00 PM (1h 30m)

Presenter: KRALJIC, Katarina

Session Classification: Lecture: Numerical cosmology

Contribution ID: 46

Type: **not specified**

Short lecture

Friday, July 18, 2025 2:00 PM (1h 30m)

Presenter: ANGULO, Raul

Session Classification: Lecture: Numerical cosmology

Contribution ID: 47

Type: **not specified**

Short lecture

Thursday, July 10, 2025 9:00 AM (1h 30m)

Presenter: FLEURY, Pierre

Session Classification: Lecture: The standard model of cosmology: a critique of its status

Contribution ID: 48

Type: **not specified**

Long lecture 1

Monday, July 14, 2025 11:00 AM (1h 30m)

Presenter: STEER, Daniele

Session Classification: Lecture: Gravitational Waves for Cosmology

Contribution ID: 49

Type: **not specified**

Short lecture

Monday, July 14, 2025 2:00 PM (1h 30m)

Presenter: DOUSPIS, Marian (IAS)

Session Classification: Lecture: Physics of the dark ages

Contribution ID: 50

Type: **not specified**

Long lecture 2

Tuesday, July 15, 2025 11:00 AM (1h 30m)

Presenter: STEER, Daniele

Session Classification: Lecture: Gravitational Waves for Cosmology

Contribution ID: 51

Type: **not specified**

Short lecture

Wednesday, July 16, 2025 11:00 AM (1h 30m)

Presenter: TAMANINI, Nicola

Session Classification: Lecture: Gravitational Waves for Cosmology

Contribution ID: 52

Type: **not specified**

Short lecture

Thursday, July 17, 2025 11:00 AM (1h 30m)

Presenter: REGIMBAU, Tania

Session Classification: Lecture: Gravitational Waves for Cosmology

Contribution ID: 53

Type: **not specified**

Short lecture

Friday, July 18, 2025 11:00 AM (1h 30m)

Presenter: CAPRINI, Chiara

Session Classification: Lecture: Gravitational Waves for Cosmology