

HISS –Particles, Strings and Cosmology 2025



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and registration, introduction to the school and to particles

Monday 14 July 2025 09:00 (1h 30m)

Presenter: GALLO-VOSS, Elisabetta (CMS (CMS Fachgruppe HIGGS))

Contribution ID: 2

Type: **not specified**

Particles

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

Presenter: GALLO-VOSS, Elisabetta (CMS (CMS Fachgruppe HIGGS))

Contribution ID: 3

Type: **not specified**

Exercises Particles

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

Presenter: GALLO-VOSS, Elisabetta (CMS (CMS Fachgruppe HIGGS))

Contribution ID: 4

Type: **not specified**

Particles

Tuesday 15 July 2025 09:00 (1h 30m)

Presenter: GALLO-VOSS, Elisabetta (CMS (CMS Fachgruppe HIGGS))

Contribution ID: 5

Type: **not specified**

Higgs

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

Presenter: BEHR, Katharina (ATLAS (Fingerprint of the Vacuum))

Contribution ID: 6

Type: **not specified**

Exercises Particles

Tuesday 15 July 2025 14:00 (1h 30m)

Presenter: GALLO-VOSS, Elisabetta (CMS (CMS Fachgruppe HIGGS))

Contribution ID: 7

Type: **not specified**

Beyond the SM

Wednesday 16 July 2025 09:00 (1h 30m)

Presenter: BEHR, Katharina (ATLAS (Fingerprint of the Vacuum))

Contribution ID: 8

Type: **not specified**

Machine Learning

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

Presenters: KASIECZKA, Gregor (UNI/EXP (Uni Hamburg, Institut fur Experimentalphysik)); KASIECZKA, Gregor (Universität Hamburg)

Contribution ID: 9

Type: **not specified**

Lunch

Presenter: BEHR, Katharina (ATLAS (Fingerprint of the Vacuum))

Contribution ID: **10**

Type: **not specified**

Exercises Machine Learning (Room HS61)

Wednesday 16 July 2025 14:00 (1h 30m)

Presenters: KASIECZKA, Gregor (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik)); KASIECZKA, Gregor (Universität Hamburg)

Contribution ID: **11**

Type: **not specified**

Higgs

Thursday 17 July 2025 09:00 (1h 30m)

Presenter: BEHR, Katharina (ATLAS (Fingerprint of the Vacuum))

Contribution ID: **12**

Type: **not specified**

Machine Learning

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

Presenters: KASIECZKA, Gregor (UNI/EXP (Uni Hamburg, Institut fur Experimentalphysik)); KASIECZKA, Gregor (Universität Hamburg)

Contribution ID: 13

Type: **not specified**

Exercises Machine Learning (Room HS61)

Thursday 17 July 2025 14:00 (1h 30m)

Presenters: KASIECZKA, Gregor (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik)); KASIECZKA, Gregor (Universität Hamburg)

Contribution ID: **14**

Type: **not specified**

Higgs

Friday 18 July 2025 09:00 (1h 30m)

Presenter: BEHR, Katharina (ATLAS (Fingerprint of the Vacuum))

Contribution ID: **15**

Type: **not specified**

Beyond the SM

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

Contribution ID: **16**

Type: **not specified**

Bonus lecture and Q&A

Friday 18 July 2025 14:00 (1h 30m)

Presenter: BEHR, Katharina (ATLAS (Fingerprint of the Vacuum))

Contribution ID: 17

Type: **not specified**

Strings (HS61) - please see attachment for supplementary material

Monday 21 July 2025 09:00 (1h 30m)

Presenter: WEIGAND, Timo (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Contribution ID: **18**

Type: **not specified**

Strings

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

Presenter: WEIGAND, Timo (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Contribution ID: **19**

Type: **not specified**

Exercises Strings

Monday 21 July 2025 14:00 (1h 30m)

Presenter: WEIGAND, Timo (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Contribution ID: **20**

Type: **not specified**

Strings (HS61)

Tuesday 22 July 2025 09:00 (1h 30m)

Presenter: WEIGAND, Timo (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Contribution ID: **21**

Type: **not specified**

Strings

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

Presenter: WEIGAND, Timo (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Contribution ID: 22

Type: **not specified**

Exercises Strings

Tuesday 22 July 2025 14:00 (1h 30m)

Presenter: WEIGAND, Timo (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Contribution ID: **23**

Type: **not specified**

Cosmology

Wednesday 23 July 2025 09:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: **24**

Type: **not specified**

Cosmology

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

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: 25

Type: **not specified**

Exercises Cosmology

Wednesday 23 July 2025 14:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: 26

Type: **not specified**

Cosmology

Thursday 24 July 2025 09:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: 27

Type: **not specified**

Cosmology

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

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: **28**

Type: **not specified**

Exercises Cosmology

Thursday 24 July 2025 14:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: **29**

Type: **not specified**

Cosmology

Friday 25 July 2025 09:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: **30**

Type: **not specified**

Cosmology

Friday 25 July 2025 11:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: **31**

Type: **not specified**

Exercises Cosmology

Friday 25 July 2025 14:00 (1h 30m)

Presenter: WESTPHAL, Alexander (T (Cosmology))

Contribution ID: **32**

Type: **not specified**

Surprise Kino (CSSB Building)

Friday 18 July 2025 16:00 (2 hours)

Contribution ID: **33**

Type: **not specified**

Surprise kino (CSSB Building)

Wednesday 23 July 2025 16:00 (2 hours)

Contribution ID: **34**

Type: **not specified**

SHELL Tour

Tuesday 22 July 2025 16:00 (1 hour)