

KUTS@DESY 2024



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome from the LOC

Wednesday 26 June 2024 15:00 (5 minutes)

Presenter: BRAATHEN, Johannes (T (Phenomenology))

Session Classification: Wednesday Session 1

Contribution ID: 2

Type: **not specified**

Opening

Wednesday 26 June 2024 15:05 (25 minutes)

Presenter: Dr SLAVICH, Pietro (LPTHE Paris)

Session Classification: Wednesday Session 1

Contribution ID: 3

Type: **not specified**

N_c^2 corrections to the Higgs mass in the MSSM

Wednesday 26 June 2024 15:30 (1 hour)

Presenters: MEUSER, Daniel (T (Phenomenology)); WEIGLEIN, Georg (T (Phenomenology))

Session Classification: Wednesday Session 1

Contribution ID: 4

Type: **not specified**

MhEFT in NMSSMCalc

Wednesday 26 June 2024 17:00 (1 hour)

Presenter: Dr BORSCHEFSKY, Christoph (Karlsruhe Institute of Technology (KIT))

Session Classification: Wednesday Session 2

Contribution ID: 5

Type: **not specified**

Updates of FlexibleEFTHiggs with applications to the MSSM and NMSSM

Thursday 27 June 2024 09:00 (1 hour)

Presenter: Mr WÜNSCHE, Johannes (TU Dresden)

Session Classification: Thursday morning Session 1

Contribution ID: 6

Type: **not specified**

H-COUP

Thursday 27 June 2024 10:00 (1 hour)

Presenter: Dr YAGYU, Kei (Osaka University)

Session Classification: Thursday morning Session 1

Contribution ID: 7

Type: **not specified**

FlexibleDecays

Thursday 27 June 2024 11:30 (1 hour)

Presenter: KOTLARSKI, Wojciech (TU Dresden)

Session Classification: Thursday morning Session 2

Contribution ID: 8

Type: **not specified**

Effective potential and thermal phase transitions

Thursday 27 June 2024 14:00 (1 hour)

Presenter: DASHKO, Andrii (T (Phenomenology))

Session Classification: Thursday afternoon Session 1

Contribution ID: 9

Type: **not specified**

anyH3 and di-Higgs production with loop-corrected trilinear couplings in the 2HDM

Thursday 27 June 2024 15:00 (1 hour)

Presenter: RADCHENKO SERDULA, Kateryna (T (Phenomenology))

Session Classification: Thursday afternoon Session 1

Contribution ID: **10**

Type: **not specified**

Di-Higgs production with loop-corrected trilinear couplings in the RxSM

Thursday 27 June 2024 16:30 (1 hour)

Presenter: VERDURAS SCHAEIDT, Alain (T (Phenomenology))

Session Classification: Thursday afternoon Session 2

Contribution ID: 11

Type: **not specified**

Two-loop calculations of the trilinear Higgs coupling in general renormalisable theories

Thursday 27 June 2024 17:30 (1 hour)

Presenters: BRAATHEN, Johannes (T (Phenomenology)); GABELMANN, Martin (T (Phenomenology))

Session Classification: Thursday afternoon Session 2

Contribution ID: **12**

Type: **not specified**

NPointFunctions

Friday 28 June 2024 09:30 (1 hour)

Presenter: KHASIANEVICH, Uladzimir (TU Dresden)

Session Classification: Friday morning Session 1

Contribution ID: 13

Type: **not specified**

MW calculation in NMSSMCalc

Friday 28 June 2024 10:30 (1 hour)

Presenter: GABELMANN, Martin (T (Phenomenology))

Session Classification: Friday morning Session 1

Contribution ID: 14

Type: **not specified**

Discussion and closing

Friday 28 June 2024 12:00 (1 hour)

Session Classification: Friday morning Session 2