

Session Program

26 April 2023

NExT Workshop Sussex: quo vadis?

Talks

Sussex, Jubilee JUB-144

Wednesday 26 April

13:00

Talks

Session | **Location:** Sussex, Jubilee JUB-144

13:00–13:30 **Dark Matter: quo vadis?**

Speakers

Prof. Malcolm Fairbairn, Malcolm Fairbairn

13:30–13:45 **Exploring Left-Right symmetry in the CMB**

Speaker

Chayan Majumdar

13:45–14:05 **Flavor phenomenology with $RK=1$: quo vadis?**

Speakers

Gudrun Hiller, Gudrun Hiller

14:05–14:25 **2HDM type I phenomenology: quo vadis?**

Speaker

Bill Murray

14:25

14:45

Talks

Session | **Location:** Sussex, Jubilee JUB-144

14:45–15:15 **The puzzles of $g-2$: quo vadis?**

Speakers

Thomas Teubner, Thomas Teubner

15:15–15:35 **Probing of Neutrinoless Double-Beta Decay in Multiple Isotopes**

Speakers

Graham Van Goffrier, Graham Van Goffrier, Graham Van Goffrier

15:35–15:50 **Sensitivity of Future Tritium Decay Experiments to New Physics**

Speakers

Wenna Pei, Wenna Pei

15:50–16:05

Precision α_S measurements: perturbative and non-perturbative effects

Speaker

Ryan Wood

16:05–16:25 **Searching for ultralight scalars with atomic experiments**

Speaker

Nathaniel Sherrill

16:25

16:45

Talks

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16:45–17:15 **Measurement of ttW production with the ATLAS detector / FASER**

Speaker

Josh McFayden

17:15–17:30 **More Synergies from Beauty, Top, Z and Drell-Yan in the SMEFT**

Speakers

Lara Nollen, Lara Nollen

17:30–17:45 **EW corrections at high energies**

Speaker

Lorenzo Mai

17:45–18:05 **Precision HH predictions: EW corrections**

Speakers

Joshua Davies, Joshua Davies

18:05