

Session Program

30 November 2022 to 2 December 2022

Dark Matters 2022



Dark Matters 2022

DM pheno and experiments

ULB, Campus de la Plaine, Salle Solvay (NO Buidling, 5th floor)
Boulevard de la Plaine, 1050 Brussels

Thursday 1 December

14:00

DM pheno and experiments

Session |

Location: ULB, Campus de la Plaine, Salle Solvay (NO Buidling, 5th floor), Boulevard de la Plaine, 1050 Brussels

14:00–14:40

Co-genesis in a dark sector

Speaker

Xiaoyong Chu

14:40–14:55

Mapping the viable parameter space for testable leptogenesis

Speaker

Yannis Georis

14:55–15:35

Dark Matter Searches with IceCube

Speaker

Juan Antonio AGUILAR SANCHEZ

15:35

16:05

DM pheno and experiments

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16:05–16:45

Indirect dark matter searches

Speaker

Dr Gabrijela Zaharijas

16:45–17:25

On machines learning about some dark matters

Speaker

Bryan Zaldivar

17:25–17:40

Towards reconstructing the halo clustering and halo mass function of N-body simulations using neural ratio estimation

Speaker

Androniki Dimitriou

17:40