

Session Program

25–28 sept. 2023



axions++ 2023

HEP - Phenomenology

LAPTh, Auditorium Vivargent
9 chemin de Bellevue Annecy-le-Vieux 74940 ANNECY

jeu. 28 septembre

09:00

HEP - Phenomenology

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09:00 – 09:30 **EFT aspects of axions and other light particles**

Orateurs

Maria Ramos, Maria Ramos

09:30 – 10:00 **Constraining ALP couplings using SMEFT-interference**

Orateur

Anne Mareike Galda

10:00 – 10:20 **Axion effective action**

Orateur

Dr Pham Ngoc Hoa Vuong

10:20

10:50

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10:50 – 11:10 **Axion-photon coupling from lattice QCD**

Orateur

José Javier Hernández Hernández

11:10 – 11:30 **Shift-Invariant Orders of an Axionlike Particle**

Orateur

Jonathan Kley

11:30 – 11:50 **How to Measure the Spin of Dark Matter in $e^+ e^- \rightarrow \gamma + X$**

Orateur

Sofie Nordahl Erner

11:50 – 12:10 **King Fits: Global bounds on light new physics from isotope shifts**

Orateurs

Fiona Kirk, Fiona Kirk

12:10