

## Session Program

30 November 2022 to 2 December 2022

# Dark Matters 2022



## Dark Matters 2022

### *Cosmo*

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

# Friday 2 December

10:00

## Cosmo

Session |

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

10:00-10:40

### Gravitational Dark Matter portal in extra dimensions

Speaker

Nuria Rius

10:40-10:55

### Dark matter freeze-in from semi-production

Speaker

Maxim Laletin

10:55

11:25

## Cosmo

Session |

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

11:25-12:05

### Axion Star Explosions in the Early Universe

Speaker

Prof. Malcolm Fairbairn

12:05-12:20

### Gravitational-wave event rates as a new probe for dark matter microphysics

Speaker

Alexander C Jenkins

12:20-12:30

### New constraints on the dark matter-neutrino/photon scatterings

Speaker

Gonzalo Herrera

12:30