

## **Session Program**

**18-21 Oct 2021**

# **COST Advanced School on Physics of Dark Matter and Hidden Sectors: from Theory to Experiment**

## ***Extended discussion & tutorials***

Lund university, K308 Teorilabbet  
Department of Astronomy and Theoretical Physics, Lund University, Sölvegatan 27, Lund

## Monday 18 October

17:30

18:15

### **Extended discussion & tutorials: Collider searches for Dark Matter; led by Monica D'Onofrio and Rebeca Gonzalez Suarez**

**Session** |

**Location:** Lund university, K308 Teorilabbet, Department of Astronomy and Theoretical Physics, Lund University, Sölvegatan 27, Lund

## Tuesday 19 October

16:15

17:00

### **Extended discussion & tutorials: Towards the Consistent Dark Matter exploration; led by Alexander Belyaev**

**Session** |

**Location:** Lund university, K308 Teorilabbet, Department of Astronomy and Theoretical Physics, Lund University, Sölvegatan 27, Lund

## Wednesday 20 October

09:30

### **Extended discussion & tutorials: Tutorial on Machine Learning by Felipe Freitas**

**Session** |

**Location:** Lund university, K308 Teorilabbet, Department of Astronomy and Theoretical Physics, Lund University, Sölvegatan 27, Lund

10:15

17:30

### **Extended discussion & tutorials: Black holes, bosonic stars and ultralight Dark Matter; led by Carlos Herdeiro and Antonio Morais**

**Session** |

**Location:** Lund university, K308 Teorilabbet, Department of Astronomy and Theoretical Physics, Lund University, Sölvegatan 27, Lund

18:15

## Thursday 21 October

16:15

17:00

### **Extended discussion & tutorials: Machine Learning methods for high energy physics; led by Felipe Freitas**

**Session** |

**Location:** Lund university, K308 Teorilabbet, Department of Astronomy and Theoretical Physics, Lund University, Sölvegatan 27, Lund