

**Session Program**

**26-30 Nov 2018**



**DISCRETE 2018**

***Supersymmetry***

# Tuesday 27 November

16:00

## Supersymmetry

**Session** |

**Location:** Sitzungssaal, Austrian Academy of Sciences, Dr.-Ignaz-Seipel-Platz 2, 1010 Vienna, AUSTRIA |

**Convener:** Marcin Badziak

16:00-16:25

### **B+L violation at colliders and new physics**

**Speaker**

Carlos Tamarit

16:25-16:50

### **DeepXS: Fast approximation of MSSM electroweak cross sections at NLO**

**Speaker**

Sydney Otten

16:50

# Wednesday 28 November

14:00

## Supersymmetry

**Session** |

**Location:** Johannessaal, Austrian Academy of Sciences, Dr.-Ignaz-Seipel-Platz 2, 1010 Vienna, AUSTRIA |

**Convener:** Kazuki Sakurai

14:00-14:25

### SUSY discovery prospects with MoEDAL

**Speaker**

Dr Vasiliki Mitsou

14:25-14:50

### Living without supersymmetry

**Speaker**

Philip Mannheim

14:50-15:15

### CMS searches for pair production of charginos and top squarks in final states with two oppositely charged leptons

**Speaker**

Barbara Chazin Quero

15:15-15:40

### Fast computation of NLO electroweakino cross-sections

**Speaker**

Lisa Zeune

15:40-16:05

### SUSY model for muon $g-2$ anomaly and dark matter, and its implications

**Speaker**

Dr Norimi Yokozaki

16:05

16:30

## Supersymmetry

**Session** |

**Location:** Johannessaal, Austrian Academy of Sciences, Dr.-Ignaz-Seipel-Platz 2, 1010 Vienna, AUSTRIA |

**Convener:** Kazuki Sakurai

16:30-16:55

### A New Approach for Gauge Unification and Proton Decay

**Speaker**

Kazuki Sakurai

16:55-17:20

### SUSY-Collider and DM searches

**Speaker**

Miriam Lucio Martinez

17:20-17:45

### Flavor mixed sleptons and its consequences at 1-loop level

**Speaker**

Dr Melina Gomez Bock

17:45-18:10

### MSSM4G scenario and Vectorlike lepton searches at the LHC

**Speaker**

Dr Sho Iwamoto

18:10