

**Session Program**

**7 December 2018**

**JAI Fest**

***Session 1 (Bourne Annexe): Chair: Stephen  
Gibson***

# Friday 7 December

10:30

## Session 1 (Bourne Annexe): Chair: Stephen Gibson: Future frontier colliders

### Session |

**Location:** Please locate buildings on the Royal Holloway Campus Plan: 10:00 - 12:30 Bourne Annexe - building 30  
12:30 -14:00 Lunch in the Moore foyer - building 12 14:00 - 18:00 Moore Auditorium - building 12 18:00 Drinks & canapes, Moore foyer - building 12 |

**Convener:** Stephen Gibson

### 10:30-10:50 Welcome and introduction

#### Speaker

Philip Nicholas Burrows

### 10:50-11:10 Luminosity and longitudinal density monitoring in the LHC

#### Speaker

Marcus Palm

### 11:10-11:30

### A holistic approach to simulating beam losses in the LHC using BDSIM

#### Speaker

Stuart Derek Walker

### 11:30-11:50 Future hadron colliders

#### Speaker

Jose Abelleira

### 11:50-12:10 Impact of stray magnetic fields on low-emittance beam dynamics

#### Speaker

Chetan Gohil

### 12:10-12:30 Low-latency beam feedbacks for e+e- colliders

#### Speaker

Douglas Robert Bett

12:30