

**Session Program**

**30 March 2016 to 1 April 2016**

**MICE CM44**

***Physics and analysis***

Milton Hill House  
Milton Hill Steventon Abingdon Oxfordshire, OX13 6AF

# Wednesday 30 March

09:00

## Physics and analysis

**Session** | **Location:** Milton Hill House, Fuchsia | **Convener:** Chris Rogers

### 09:00–09:20 TOF Reconstruction Status

**Speaker**

Durga Rajaram

### 09:20–09:40 Tracker Resolution

**Speaker**

Melissa Uchida

### 09:40–10:00 Track Matching

**Speakers**

Chris Rogers, Jan Greis

### 10:00–10:20 Likelihood-Based PID

**Speaker**

Celeste Pidcott

### 10:20–10:30 Discussion

### 10:30–11:00 Coffee

### 11:00–11:20 Cut-Based PID 1

**Speaker**

Dr scott wilbur

### 11:20–11:40 Cut-based PID 2

**Speaker**

Tanaz Angelina Mohayai

### 11:40–12:00 Phase Space Tessellation

**Speaker**

Chris Rogers

### 12:00–12:30 Wedge absorber

### 12:30–13:30 Lunch

### 13:30–13:50 Kernel Density Estimate

**Speaker**

Tanaz Angelina Mohayai

### 13:50–14:10 Magnet Alignment and Transfer Matrix

**Speaker**

Sophie Charlotte Middleton

14:10-14:30 **Demo Alignment and tolerances**

**Speaker**

Dr alan young

14:30-14:50 **Field map analysis**

**Speaker**

Mr Joe Langlands

14:50-15:00 **Discussion**

15:00-15:30 **Coffee**

15:30-15:50 **Step IV Optics**

**Speaker**

Ao Liu

15:50-16:10 **Ckov Light Yield**

**Speaker**

Ao Liu

16:10-16:30 **Energy Loss 1**

**Speaker**

Rhys Gardener

16:30-16:50 **Energy Loss 2**

**Speaker**

Dimitrije Maletic

16:50-17:10 **Pion beamline rate studies**

**Speaker**

Jan Greis

17:10-18:00 **Discussion**

18:00