

**Session Program**

**9-11 Feb 2015**

**MICE CM41**

***Physics & analysis***

Rutherford Appleton Laboratory

# Monday 9 February

09:00

## Physics & analysis

**Session** | **Location:** Rutherford Appleton Laboratory, CR9; ATLAS (R27) | **Convener:** Dr Chris Rogers

### 09:00–09:20 Tracker Reconstruction

#### Speakers

Christopher Hunt, David Adey

### 09:20–09:40 EMR Software

#### Speaker

Francois Elie Rene Drielsma

### 09:40–09:45 Global Software

#### Speakers

Jan Greis, Melissa Uchida

### 09:45–10:00 Global Tracking

#### Speaker

Jan Greis

### 10:00–10:20 Global Particle ID

#### Speaker

Celeste Pidcott

### 10:20–10:40 Geometry

#### Speaker

Ryan Bayes

### 10:40–11:00 Discussion

### 11:00–11:30 Coffee

### 11:30–11:50 MICE Muon Beamline

#### Speaker

Jaroslav Pasternak

### 11:50–12:10 Magnetic Field Mapping

#### Speaker

Victoria Blackmore

### 12:10–12:30 Magnetic Alignment

#### Speaker

Dr Chris Rogers

### 12:30–13:00 Discussion

### 13:00–14:00 Lunch

**14:00–14:20 Transported Beam****Speaker**

Christopher Hunt

**14:20–14:40 Cooling channel optics at Step IV****Speaker**

Jaroslaw Pasternak

**14:40–15:00 Nonlinear beam dynamics****Speaker**

Dr Rob Ryne

**15:00–15:20 Measurement of energy loss and MCS****Speaker**

Dr John Cobb

**15:20–15:40 Measurement of beam polarisation****Speaker**

Sophie Charlotte Middleton

**15:40–16:10 Coffee****16:10–16:30 Ckov Reconstruction****Speaker**

Lucien Cremaldi

**16:30–16:50 Batch production****Speaker**

Ryan Bayes

**16:50–17:10 xboa and online analysis****Speaker**

Dr Chris Rogers

**17:10–17:30 Data rate and trigger****Speaker**

Dr Chris Rogers

18:00