

**Session Program**

**15-19 Sept 2015**

**XXXV Physics in Collision**  
***Session***

University of Warwick, Zeeman building, MS0.1

# Wednesday 16 September

09:00

## Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

09:00–09:15

### Welcome

09:15–09:50

### General event characteristics at 13 TeV

#### Speaker

Benjamin Michael Wynne

09:50–10:25

### Heavy flavour production at 13 TeV

#### Speaker

Sanjay Kumar Swain

10:25–11:00

### Current picture and understanding of QCD

#### Speaker

Katarzyna Wichmann

11:00

11:30

## Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

11:30–12:00

### Top quark properties

#### Speaker

Gagan Mohanty

12:00–12:40

### Top quark production

#### Speaker

Veronique Boisvert

12:40

13:45

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

13:45–14:20

### Gauge bosons production and properties

#### Speaker

Finn O'Neill Rebassoo

14:20–14:55

### SM Higgs couplings

#### Speaker

Nils Ruthmann

14:55–15:30

### SM Higgs properties

#### Speaker

Nicolas Pierre Chanon

15:30–16:05

### BSM Higgs

#### Speaker

Jahred Adelman

16:05

# Thursday 17 September

08:45

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

**08:45–09:25** **Heavy ion collisions**

**Speaker**

Constantinos Loizides

**09:25–10:00** **Electroweak penguin B decays**

**Speaker**

Thomas Nikodem

**10:00–10:35** **Semileptonic tree level B decays**

**Speaker**

Gagan Mohanty

10:35

11:05

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

**11:05–11:40** **Hadronic B Decays**

**Speaker**

Valerie Gibson

**11:40–12:15** **CP Violation, CKM angles**

**Speaker**

James Libby

**12:15–12:50** **Kaon decays**

**Speaker**

Cristina Lazzeroni

12:50

13:50

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

**13:50–14:30** **Charm physics**

**Speaker**

Peng Haiping

**14:30–15:05** **Lepton dipole moments**

**Speaker**

Adam West

**15:05–15:40** **Lattice QCD**

**Speaker**

Christine Davies

15:40

16:10

**Session: Session****Session** | **Location:** University of Warwick, Zeeman building, MS0.1

16:10–16:45

**Heavy quark spectroscopy****Speaker**

Ken Moats

16:45–17:20

**Supersymmetry searches****Speaker**

Hongxuan Liu

17:20–17:55

**Searches for Exotic phenomena****Speaker**

Joseph Haley

18:00

# Friday 18 September

08:30

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

**08:30–09:05** **Charge lepton flavour physics**

**Speaker**

Mark Lancaster

**09:05–09:40** **Long baseline oscillation results**

**Speaker**

Justyna Lagoda

**09:40–10:10** **First Oscillation Results from NOvA**

**Speaker**

Christopher Backhouse

**10:10–10:45** **Results from reactor experiments**

**Speaker**

Michael Wurm

10:45

11:10

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

**11:10–11:45** **Non-reactor/non-accelerator neutrino results**

**Speaker**

Andrea Pocar

**11:45–12:20** **Dark Energy**

**Speakers**

Ignacy Leonard Sawicki, Ignacy Sawicki

**12:20–12:30** **Poster winner - Dark Matter Searches with the ATLAS detector**

12:30

# Saturday 19 September

09:00

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

09:00–09:35

### Hidden sector searches

#### Speaker

David G. Cerdeno

09:35–10:10

### Low energy cosmic rays

#### Speakers

Matteo Duranti, Vitaly Choutko

10:10–10:45

### Extreme high energy Cosmic Rays

#### Speaker

Julian Rautenberg

10:45

11:10

## Session: Session

**Session** | **Location:** University of Warwick, Zeeman building, MS0.1

11:10–11:45

### Cosmic microwave background

#### Speaker

Steven Gratton

11:45–12:20

### Dark Matter Searches

#### Speaker

Dr Biagio Rossi

12:20–12:50

### Testing CPT symmetry

#### Speaker

Hiroki Nagahama

13:00

12:50–13:00

### Poster winner - DEAP-3600 Dark Matter experiment