# **BSM 4 LHC UK**

# **Report of Contributions**

Contribution ID: 2 Type: not specified

## **Standard Model Higgs (ATLAS-CMS)**

Presenter: MURRAY, Bill (RAL)

Contribution ID: 3 Type: not specified

## **BSM Higgs (ATLAS/CMS)**

**Presenter:** MAGNAN, Anne-Marie (Imperial)

Contribution ID: 4 Type: **not specified** 

## Higgs: theory aspects for experiment

**Presenter:** SPANNOWSKY, Michael (IPPP)

Contribution ID: 5 Type: **not specified** 

### Phenomenology of the E6-inspired SUSY models

**Presenter:** KING, Steve (Southampton)

Contribution ID: 6 Type: **not specified** 

### Phenomenology of the E6-inspired SUSY models

**Presenter:** KING, Steve (Southampton)

Contribution ID: 7 Type: **not specified** 

### Experimental status of SUSY searches (ATLAS/CMS)

**Presenter:** TAPPER, Alex (Imperial)

Contribution ID: 8

Type: not specified

### Present constraints on the SUSY - MSSM and beyond

Presenter: ROSS, Graham (Oxford)

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Whither RPV?

Contribution ID: 9 Type: **not specified** 

#### Whither RPV?

**Presenter:** DREINER, Herbi (Bonn)

Contribution ID: 10 Type: not specified

## Searching beyond the lamppost

**Presenter:** GRIPAIOS, Ben (Cambridge)

Contribution ID: 11 Type: not specified

#### Etmiss based searches (ATLAS/CMS)

**Presenter:** EIFERT, Till (SLAC/CERN)

Contribution ID: 12 Type: not specified

## 3rd generation prospects (ATLAS/CMS)

**Presenter:** D'ONOFRIA, Monica (Liverpool)

Contribution ID: 13 Type: not specified

## **Long-lived particles (ATLAS)**

**Presenter:** MERMOD, Philippe (Geneva)

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R-hadrons (ATLAS)

Contribution ID: 14 Type: not specified

## R-hadrons (ATLAS)

**Presenter:** MILSTEAD, Dave (Stockholm)

Contribution ID: 15 Type: not specified

## **Long-lived particles (CMS)**

Presenter: BROOKE, Jim (Bristol)

Contribution ID: 16 Type: not specified

### Searches for dilepton/diphoton resonances (ATLAS)

**Presenter:** BERRY, Tracey (RHUL)

Contribution ID: 17 Type: not specified

### Searches for dilepton resonances (CMS)

**Presenter:** HARPER, Sam (RAL)

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Contribution ID: 18 Type: not specified

(no title)

Contribution ID: 19 Type: not specified

### Searches for New Physics in top quark final states

**Presenter:** SPANO, Francesco (RHUL)

Contribution ID: 20 Type: not specified

## **TeV-Gravity Searches**

**Presenter:** FROST, James (Cambridge)

Contribution ID: 21 Type: not specified

### **Standard Model Higgs (ATLAS-CMS)**

Wednesday, 11 January 2012 14:00 (40 minutes)

Presenter: MURRAY, Bill (RAL)

Session Classification: Higgs Physics

Contribution ID: 22 Type: not specified

## **BSM Higgs (ATLAS/CMS)**

Wednesday, 11 January 2012 14:40 (40 minutes)

Presenter: MAGNAN, Anne-Marie (Imperial)

Session Classification: Higgs Physics

Contribution ID: 23 Type: not specified

### Higgs: theory aspects for experiment

Wednesday, 11 January 2012 15:20 (40 minutes)

**Presenter:** SPANNOWSKY, Michael (IPPP)

Session Classification: Higgs Physics

Contribution ID: 24 Type: not specified

#### Phenomenology of the E6-inspired SUSY models

Wednesday, 11 January 2012 16:30 (40 minutes)

**Presenter:** KING, Steve (Southampton)

**Session Classification:** String Phenomenology

Contribution ID: 25 Type: not specified

### Experimental status of SUSY searches (ATLAS/CMS)

Contribution ID: 26 Type: not specified

#### Present constraints on the SUSY - MSSM and beyond

Thursday, 12 January 2012 10:10 (40 minutes)

Presenter: ROSS, Graham (Oxford)

Session Classification: SUSY-I

Contribution ID: 27 Type: not specified

#### Experimental status of SUSY searches (ATLAS/CMS)

Thursday, 12 January 2012 09:30 (40 minutes)

**Presenter:** TAPPER, Alex (Imperial)

Session Classification: SUSY-I

Whither RPV?

Contribution ID: 28 Type: not specified

#### **Whither RPV?**

Thursday, 12 January 2012 11:20 (40 minutes)

Presenter: DREINER, Herbi (Bonn)

Session Classification: SUSY-I

Contribution ID: 29 Type: not specified

#### Searching beyond the lamppost

Thursday, 12 January 2012 12:00 (40 minutes)

**Presenter:** GRIPAIOS, Ben (Cambridge)

Session Classification: SUSY-I

Contribution ID: 30

Type: not specified

### Missing Et-based searches (ATLAS/CMS)

Thursday, 12 January 2012 14:00 (40 minutes)

**Presenter:** EIFERT, Till (SLAC/CERN)

Session Classification: SUSY-II

Contribution ID: 31 Type: not specified

### 3rd generation prospects (ATLAS/CMS)

Thursday, 12 January 2012 14:40 (40 minutes)

**Presenter:** Dr D'ONOFRIO, Monica (Liverpool)

Session Classification: SUSY-II

Contribution ID: 32 Type: not specified

### Searches for New Physics in top quark final states

**Presenter:** SPANO, Francesco (RHUL)

Contribution ID: 33 Type: not specified

### **Long-lived particles (ATLAS)**

Thursday, 12 January 2012 15:50 (30 minutes)

**Presenter:** MERMOD, Philippe (Geneva)

Session Classification: SUSY-II

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R-hadrons (ATLAS)

Contribution ID: 34 Type: not specified

### R-hadrons (ATLAS)

Thursday, 12 January 2012 16:20 (30 minutes)

**Presenter:** MILSTEAD, Dave (Stockholm)

Session Classification: SUSY-II

Contribution ID: 35 Type: not specified

### Long-lived particles (CMS)

Thursday, 12 January 2012 16:50 (30 minutes)

**Presenter:** BROOKE, Jim (Bristol) **Session Classification:** SUSY-II

Contribution ID: 36 Type: not specified

#### Searches for dilepton/diphoton resonances (ATLAS)

Friday, 13 January 2012 09:30 (40 minutes)

**Presenter:** BERRY, Tracey (RHUL)

**Session Classification:** Exotics

Contribution ID: 37 Type: not specified

#### Searches for dilepton resonances (CMS)

Friday, 13 January 2012 10:10 (40 minutes)

**Presenter:** HARPER, Sam (RAL)

Session Classification: Exotics

Contribution ID: 38 Type: not specified

#### Searches for New Physics in top quark final states

Friday, 13 January 2012 11:20 (40 minutes)

**Presenter:** SPANO, Francesco (RHUL)

Session Classification: Exotics

Contribution ID: 39 Type: not specified

### **TeV-Gravity Searches**

Friday, 13 January 2012 12:00 (40 minutes)

**Presenter:** FROST, James (Cambridge)

Session Classification: Exotics