

**Session Program**

**13-15 mai 2013**

**GDR Terascale@Montpellier**

***BSM***

Université Montpellier II, amphi I.A.E, bldg 29

## mer. 15 mai

09:00

**BSM**

**Session** | **Site:** Université Montpellier II, amphi I.A.E, bldg 29 | **Conveners:**  
Ana M. Teixeira, Marie-Hélène Genest, Dr Stéphane Lavignac, Dr Patrice Verdier

09:00 – 09:25 **Search for  $t\bar{t}$  resonances in CMS**

**Orateur**  
M. Sébastien Brochet

09:25 – 09:50 **Three-generation baryon and lepton number violation at the LHC**

**Orateur**  
Dr Christopher Smith

09:50 – 10:15

**Scale-invariant resonance tagging in multijet events and new physics in Higgs pair production**

**Orateur**  
Alexandra Oliveira

10:15 – 10:40 **Searching for sgluons in multitop events at a center-of-mass energy of 8 TeV**

**Orateur**  
Loic VALERY

10:40

11:10

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11:10 – 11:35 **Low scale supersymmetry breaking and its LHC signatures**

**Orateur**  
Pantelis Tziveloglou

11:35 – 12:00 **Triboson production and TGC at LHC**

**Orateur**  
Yanwen LIU

12:00 – 12:25 **LHC Missing-Transverse-Energy Constraints on Models with Universal Extra Dimensions**

**Orateur**  
Giacomo Cacciapaglia

12:30

14:00

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14:00 – 14:25

**Search for New Phenomena in Monojet plus Missing Transverse Momentum Final States with ATLAS**

**Orateur**  
Philippe Calfayan

14:25 – 14:50 **Dileptonic final states in the search for chargino pair production**

**Orateur**  
Thomas Serre

14:50 – 15:15

**Search for strongly produced superpartners in final states with two same sign leptons with the ATLAS detector**

**Orateur**  
Julien Maurer

15:15 – 15:40

**Traces of (partially) composite light quarks at the LHC**

**Orateur**  
Dr Cedric Delaunay

15:40