

**Session Program**

**28 May 2017 to 2 June 2017**

**Blois 2017: 29th Rencontres de Blois on  
"Particle Physics and Cosmology"**

***Parallel Session BSM+DM***

Gaston d'Orléans  
Château de Blois, Blois, Loire Valley, France

## Tuesday 30 May

16:30

### Parallel Session BSM+DM

**Session** | **Location:** | **Convener:** LianTao Wang

16:30–16:50 **Searches for dark matter and new physics in ATLAS and CMS**

**Speaker**

Matteo Cremonesi

16:50–17:10 **Searches with boosted objects in ATLAS and CMS**

**Speaker**

Pekka Sinervo

17:10–17:30 **Searches for supersymmetry in ATLAS**

**Speaker**

Da Xu

17:30–17:50 **Searches for electroweak SUSY production at CMS**

**Speaker**

Constantin Heidegger

17:50–18:10 **Searches for s-channel production of new resonances in ATLAS**

**Speaker**

Daniel Hayden

18:10–18:30

**Searches for new heavy resonances in final states with dileptons, diphotons and dijets in CMS**

**Speaker**

Niki Saoulidou

18:30–18:50 **The SHiP experiment at CERN**

**Speaker**

Jacques Chauveau

18:50–19:10 **Search for new physics via baryon EDM at LHC**

**Speaker**

Fernando Martinez Vidal

19:10–19:30

**Directional detection of Dark Matter with a nuclear emulsion based detector**

**Speaker**

Valerio Gentile

19:30

## Wednesday 31 May

14:00

### Parallel Session BSM+DM

**Session** | **Location:** | **Convener:** Prof. Stephen Jacob Sekula

14:00–14:20 **Warped Relaxion**

**Speaker**

Nayara Fonseca

14:20–14:40 **Domain Walls in the Early Universe and Matter-Antimatter Domains**

**Speaker**

Sergey Godunov

14:40–15:00

**The Zee model: connecting neutrino masses to Higgs lepton flavor violation**

**Speaker**

Juan Herrero Garcia

15:00–15:20

**Lepton Flavor Violation from Dim-6 and Dim-8 Operators at the LHC and Precision Measurements**

**Speaker**

Yi Cai

15:20–15:40

**Search for invisible decay of a dark photon produced in  $e^+e^-$  collisions at BABAR**

**Speaker**

Oliver Grünberg

15:40–16:00

**Experimental constraint on dark matter-Standard Model coupling with optical atomic clocks**

**Speaker**

Michal Zawada

16:00

16:30

### Parallel Session BSM+DM

**Session** | **Location:** | **Convener:** Rohini Godbole

16:30–16:50 **Effects of QCD bound states on DM relic abundance**

**Speaker**

Seng Pei Liew

16:50–17:10 **Composite dark matter**

**Speaker**

Reuven Balkin

17:10–17:30

**Dark Matter and Enlarged Higgs Sectors Extended with Vector Like Leptons**

**Speaker**

Andrei Angelescu

17:30–17:50

**Displaced vertices from pseudo-Dirac dark matter****Speaker**

Alessandro Davoli

17:50–18:10

**Dark Matter Results from First Data of the PandaX-II Experiment****Speaker**

Andi Tan

18:10–18:30

**Dark matter search with the SABRE experiment****Speaker**

Paolo Montini

18:30–18:50

**Direct Dark Matter Detection with the XENON1T Experiment****Speaker**

Alexander Kish

18:50–19:10

**Low-mass WIMP search with the EDELWEISS experiment****Speaker**

Emeline Queguiner

19:10–19:30

**Direct Dark Matter Search with CRESST III - Status & Perspectives****Speaker**

Michele Mancuso

19:30