

Session Program

31 May 2015 to 5 June 2015

**Blois2015: 27th Rencontres de Blois on
"Particle Physics and Cosmology"**

BSM + DM

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

Wednesday 3 June

14:00

BSM + DM: Parallel Session

Session | **Location:** Room IV | **Conveners:** Patrizia Azzi, Juan Alcaraz Maestre

14:00–14:20 Searches for heavy resonances at the LHC

Speaker

Aidan Sean Randle-Conde

Location

Room IV

14:20–14:40 Searches for dark matter and extra dimensions at the LHC

Speaker

Marie-Helene Genest

Location

Room IV

14:40–15:00

Searches for new phenomena with heavy quarks and multileptons at the LHC

Speaker

Loic Valery

Location

Room IV

15:00–15:20

SHiP: a new facility for searching for long-lived neutral particles and studying the tau neutrino properties

Speaker

Geraldine Conti

Location

Room IV

15:20–15:40 Axions-like particles at colliders

Speaker

Ken Mimasu

Location

Room IV

15:40–16:00

Search for Pseudoscalar and Scalar Weakly Interacting Sub-eV Particles with the OSQAR Experiment

Speaker

Matthias Schott

Location

Room IV

16:00–16:30 Coffee Break

16:30–16:50

Probing the non thermal dark matter at hadron colliders with events containing a single top quark in the final state**Speaker**

Mykhailo Dalchenko

Location

Room IV

16:50–17:10

A taste of dark matter: flavour constraints on pseudoscalar mediators**Speaker**

Christopher McCabe

Location

Room IV

17:10–17:30

Self-interacting asymmetric dark matter**Speaker**

Kalliopi Petraki

Location

Room IV

17:30–17:50

Particle cosmological probes on light dark matter**Speaker**

Kenji Kadota

Location

Room IV

17:50–18:10

Latest Results from the LUX Dark Matter Search Experiment**Speaker**

Simon Fiorucci

Location

Room IV

18:10–18:30

Dark Matter searches with HESS**Speaker**

Knut Mora

Location

Room IV

18:30–18:50

Status of the first EDELWEISS-III physics run**Speaker**

Valentin Kozlov

Location

Room IV

18:50–19:10

The direct WIMPs search within the XENON Project: the status of the art**Speakers**

Fabio Valerio Massoli, Fabio Valerio Massoli

Location

Room IV

19:10–19:30

Recent Results from the CRESST Experiment

Speaker

Raimund Strauss

Location

Room IV

19:30–19:50

Vortices in axion condensate dark halos

Speaker

Marek Szydlowski

Location

Room IV

19:50