

Session Program

5-10 Oct 2014

**International Workshop on Future Linear
Colliders (LCWS14)**

BSM Physics

Hyatt Regency and Crowne Plaza
Belgrade, Serbia

Tuesday 7 October

16:00

BSM Physics: New Physics and Dark Matter

Session | **Location:** Crowne Plaza, Baltic (40-60) | **Conveners:**

Debajyoti Choudhury, Dr Philipp Roloff, Mikael Berggren, Geraldine Servant, Mihoko Nojiri, Marco Battaglia, Keisuke Fujii

16:00-16:22

Monophoton signals in light gravitino production at future linear colliders

Speaker

Bettina Oehl

16:22-16:44

Neutralino LSP, Gravitino LSP DM and the LC

Speaker

Farvah Nazila Mahmoudi

16:44-17:06

Impact of precision measurements for dark matter constraints

Speaker

Gudrid Moortgat-Pick

17:06-17:28

Slepton and bosino property determination in stau coannihilation SUSY DM models

Speaker

Mikael Berggren

17:30

Wednesday 8 October

09:00

BSM Physics: SUSY

Session | **Location:** Crowne Plaza, Mediterranean (40-70) | **Conveners:**

Marco Battaglia, Dr Philipp Roloff, Mihoko Nojiri, Debajyoti Choudhury, Keisuke Fujii, Mikael Berggren, Geraldine Servant

09:00–09:25 **Light higgsinos scenario at LC**

Speaker

Georgios Voutsinas

09:25–09:50

Mass spectrum of supersymmetric standard model with big-bang nucleosynthesis

Speaker

Joe Sato

10:30

11:00

BSM Physics: New Physics and Higgs

Session | **Location:** Crowne Plaza, Mediterranean (40-70) | **Conveners:**

Marco Battaglia, Mihoko Nojiri, Geraldine Servant, Mikael Berggren, Dr Philipp Roloff, Keisuke Fujii, Debajyoti Choudhury

11:00–11:20 **Higgs mixing in the NMSSM and Light Higgsinos**

Speaker

Yutaro Shoji

11:20–11:40

Higgs boson decay to charm pair at full one-loop level in the MSSM with flavour violation

Speaker

Helmut Eberl

11:40–12:00

Charged Higgs search in Triplet Higgs model with $e^+e^- \rightarrow WH$ at ILC 250 GeV

Speaker

Yuko Shinzaki

12:00–12:30 **Discussion**

12:30

Thursday 9 October

11:00

BSM Physics: SUSY and General Discussion

Session | **Location:** Crowne Plaza, Aegean (40-70) | **Conveners:**
Geraldine Servant, Mikael Berggren, Debajyoti Choudhury, Marco Battaglia, Dr Philipp Roloff, Mihoko Nojiri, Keisuke Fujii

11:00–11:20

Model-independent WIMP searches at LC with single photon

Speaker

Dr Maxim Titov

12:30

11:20–12:30

General Discussion