

Session Program

7-11 Sept 2009

COSMO 09

Particle physics in the early universe

CERN, 500/1-001 - Main Auditorium

Thursday 10 September

14:15

Particle physics in the early universe

Session | **Location:** CERN, TH Theory Conference Room

14:15–14:35 **Recent developments in leptogenesis**

Speaker

Enrico Nardi

14:35–14:55 **Testing leptogenesis at LHC**

Speaker

Steve Blanchet

14:55–15:15 **Flavoured leptogenesis**

Speaker

Sergei Petcov

15:15–15:35 **Probing SUSY leptogenesis with $\mu \rightarrow e \gamma$**

Speaker

Cristoforo Simonetto

15:35–15:55 **Towards analyzing leptogenesis in the Kadanoff-Baym formalism**

Speaker

Alexander Kartavtsev

15:55–16:15 **Electroweak baryogenesis in the MSSM**

Speaker

Germano Nardini

16:15–16:35 **Break**

16:35–16:55

Bubble growth and production of kinetic energy in first order Phase Transitions

Speaker

Mr Jose Miguel No

16:55–17:15 **BBN constraints on strong relic particles**

Speaker

Motohiko Kusakabe

17:15–17:35 **Dark strings**

Speaker

Tanmay Vachaspati

17:35–17:55 **Coupled currents in cosmic strings**

Speaker

Marc Lilley

17:55–18:15 **Sizable CP violation in the bosonic Standard Model**

Speaker

Thomas Konstandin

18:15-18:35

Gravitational waves from phase transitions

Speaker

Chiara Caprini

18:35