

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