

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