

Gordon Research Seminar in Particle Physics: Pushing the Frontiers of
Particle Physics During the LHC Run II Era

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Electroweak monopoles and the electroweak phase transition

Saturday, 24 June 2017 17:10 (5 minutes)

Electroweak monopoles are spherically symmetric configurations of the gauge fields that derive their stability from their topological nature. This talk discusses the effect of regularised Cho-Maison monopoles on the strength of the electroweak phase transition and the implications of this on electroweak baryogenesis.

Presenter: ARUNASALAM, Suntharan

Session Classification: Short oral presentations