



XXIV QUARK MATTER DARMSTADT 2014

Contribution ID: 167

Type: **Poster**

Approach to equilibrium: Universal properties in expanding gauge and scalar field theories

Tuesday 20 May 2014 16:30 (2 hours)

We show simulation results for longitudinally expanding gauge and scalar field theories as they approach thermal equilibrium. Most remarkably, we find a common nonthermal attractor solution in a characteristic momentum regime. As a consequence, important aspects of the evolution towards equilibrium turn out to be insensitive to the details of the underlying theory.

Authors: Prof. BERGES, Jürgen (Heidelberg University); BOGUSLAVSKI, Kirill (Heidelberg University); Prof. VENUGOPALAN, Raju (Brookhaven National Laboratory); Dr SCHLICHTING, Sören (Brookhaven National Laboratory)

Presenter: BOGUSLAVSKI, Kirill (Heidelberg University)

Session Classification: Poster session

Track Classification: Approach to Equilibrium