



## ICTS String Seminar

**Title** : An emergent symmetry in thermal QCD

**Speaker** : Sourendu Gupta (Tata Institute of Fundamental Research, Mumbai)

**Date** : Tuesday, 28<sup>th</sup> May 2024

**Time** : 2: 30 PM (IST)

**Abstract** : Effective long-distance theories of the chiral flavour-dynamics of quarks are known to contain an emergent symmetry. This has no observable consequence for the hadron spectrum, and therefore is not usually recognized as interesting. I show that there are clear implications for the phase structure of QCD, and that, in fact, these have been observed.

**Venue** : Madhava Lecture Hall

Zoom link: <https://icts-res-in.zoom.us/j/88092766911?pwd=R3ZrVk9yeW96ZmQ4ZG9KRzVhenRKZz09>

Meeting ID: 880 9276 6911

Passcode: 232322