

ICTS String Seminar

- Title : Supersymmetry enhancement in 3d S-fold SCFTs
- Speaker : Noppadol Mekareeya (National Institute of Nuclear Physics (INFN), Milano - Bicocca)
- Date : Wednesday, 28 October 2020
- Time : 03:00 pm (IST)
- Abstract : A local $SL(2, Z)$ transformation on the Type IIB brane configuration gives rise to an interesting class of 3d superconformal field theories, known as the S-fold SCFTs. One of the interesting features of such a theory is that, in general, it does not admit a conventional Lagrangian description. Nevertheless, it can be described by a quiver diagram with a building block being an SCFT known as the $T(U(N))$ theory. In this talk, we discuss various interesting properties of the S-fold theories, including supersymmetry enhancement in the infrared as well as several interesting dualities. This talk will have a different emphasis than previous talks with the similar title and abstract.

[ICTS virtual seminar](#) : Please register at <https://docs.google.com/forms/d/e/1FAIpQLSf0jLgoqiOgDnxbEBGiuIWjOmh9WX8caH-pr13qDBZOO91lmg/viewform>

(Links to join the seminars will be sent to your registered email address)

Recordings of past talks can be found here:

<https://www.youtube.com/channel/UCw9LdPQ5t7Q7muD0qzn70TA>