

**ICTS String Seminar**

- Title** : Relating maximal conformal supergravities in 6d and 4d
- Speaker** : Bindusar Sahoo (Indian Institute of Science Education and Research, Thiruvananthapuram)
- Date** : Wednesday, 13 November 2024
- Time** : 3:30 PM (IST)
- Abstract** : In this talk, we will relate the maximal (2,0) conformal super gravity in 6d and N=4 conformal super gravity in 4d via dimensional reduction along a torus. We will see that the (2,0) Weyl multiplet in 6d reduces to a different variant of N=4 Weyl multiplet, which is the dilaton Weyl multiplet. We would also see the geometric origin of various features of N=4 super gravity in 4d. We will end with some interesting future directions to pursue.
- Venue** : Emmy Noether Seminar Room  
Zoom Link: <https://icts-res-in.zoom.us/j/88092766911?pwd=R3ZrVk9yeW96ZmO4ZG9KRzVhenRKZz09>  
Meeting ID: 880 9276 6911  
Passcode: 232322