



ICTS Seminar

Title : Looking for Logic in Social Practices

Speaker : R Ramanujam (The Institute of Mathematical Sciences, Chennai)

Date : Friday, September 23, 2022

Time : 4:00 pm (IST)

Abstract : There are many algorithms implicit or explicit in the way society works: for example, an election, or vaccine distribution policy. These algorithms rely on logical properties of underlying physical and social structures. For instance, in an election, we not only want confidentiality but also verifiability (that every vote cast has been counted), and many more such properties. Can we prove that these requirements are even consistent (something that we take for granted)?

Many insights from mathematical logic, computer science, game theory and dynamical systems theory seem useful for such exploration.

Venue : Offline: Emmy Noether Seminar Room

Online: Please click on the below link to join the meeting

<https://icts-res-in.zoom.us/j/85646601790pwd=bmpDbnFFMUxBYkY5aXRxSUxHcE1xdz09>

Meeting ID: 856 4660 1790

Passcode: 232322