

InRaSS Colloquium Series

7th Talk (1st October, 2023 18:00 – 19:00 IST)



Webinar on:

Metamaterials and their Applications

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In the previous talk (6th talk InRaSS Colloquium), we have seen how effective media can be realized by combining metals and dielectrics, how patterning helps to get resonant structures, metasurfaces, and plasmonic structures. There are several types of metamaterials that have been proposed and demonstrated. In the present talk, I will present examples of metamaterials that are a combination of metals and dielectrics as well as all-dielectrics. These range from perfect absorbers, anti-reflection or stealth coatings, hyperbolic metamaterials, bound state in continuum, and metasurfaces.

Organised by: Indian Radio Science Society
(InRaSS)



Webinar Link: https://www.youtube.com/watch?v=Kk4_TIZR51o