Abstract:
Motivated by attempts to prove stronger lower bounds in communication complexity, a lot of recent work has tried to answer whether the information complexity of functions can be used to bound their communication complexity.Recently Ganor, Kol and Raz gave an example of a boolean function whose information complexity is exponentially smaller than its communication complexity. We simplify their work. I will give a black board talk highlighting the key ideas in the proof. Joint work with Makrand Sinha.