

abstract

COMPUTER SCIENCE/DISCRETE MATH I

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

We prove that NP is different from coNP and coNP is not a subset of MA in the number-on-forehead model of multiparty communication complexity for up to $k=(1 - \epsilon)\log(n)$ players, where $\epsilon>0$ is any constant. Prior to our work, the problem was open even for $k = 3$ players. (This is joint work with A.Sherstov.)