Colloquium

Frank Hsu

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New York

Friday, October 10, 2014 at 4pm in Bell Hall 143

Network Selection in Heterogeneous Wireless Network using Combinatorial Fusion

When a wireless user moves into an area where there are many base stations with different capacities, it has to select a base station to connect to. Algorithms with chosen criteria (or metrics) have to be designed and implemented to associate users with different base stations. In this talk, we will consider three metrics and discuss when and how to combine these metrics in order to derive a robust network selection algorithm. Combinatorial fusion analysis (CFA) in terms of rank-score characteristic function and cognitive diversity is used.

Brief Bio: Frank Hsu is the Clavius Professor of Science and Professor of Computer and Information Science at Fordham University. His research interests are combinatorics and graph theory, interconnection networks, macro-informatics, and data and information fusion. Hsu received his M.S. degree from the University of Texas at El Paso, and a Ph.D. degree from the University of Michigan. He is currently chair of the New York chapter of the IEEE Computational Intelligence Society.

For further information, please contact Dr. Emil Schwab, eschwab@utep.edu
Refreshments will be served in front of the colloquium room,
15 minutes before the start of the colloquium.