



Welcome to

WICAT Workshop on
Cooperative Communications

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Wireless at Poly

- CATT: Center for Advanced Technology in Telecommunications
 - Sponsored by New York State, in existence at Poly for over 20 years
 - Director: Shiv Panwar



WICAT

- WICAT: Wireless Internet Center for Advanced Technology
 - Established in 2001 by NY State
 - NSF Industry/University Cooperative Research Center since 2004
 - Current members: Poly, Columbia, University of Virginia
 - Potential members: UCLA, Purdue, University of Illinois
 - Joint project with Arizona State
 - Director: David Goodman
 - Executive Director: Binay Sugla



WICAT Research Areas

- Cooperative networks
- Low power terminals
- Applications

Workshop

- Morning:
 - Cooperation at the physical layer: Diversity, channel coding, source coding, information theory
 - Incentives for cooperation
- Afternoon:
 - Beyond physical layer:
Cross-layer design, MAC, application, large networks
 - NSF view: GENI initiative

Today's Agenda

- Four presentation sessions
- Two poster sessions
- Lunch in Rogers Hall 116
- Reception

Reminders

- Send us your talks/posters when you get home
- Links to posters on the workshop web site <http://wicat.poly.edu/wicatworkshop/>