Recent advances in ad hoc, infrastructure based and hybrid wireless networks reveal many benefits of cooperation among nodes. Terminals can share resources through physical, MAC, network and application layer cooperation to obtain higher reliability, throughput, energy efficiency, and to discover and disseminate information more effectively than they would if they acted independently.

This workshop will bring together researchers exploring cooperative communications at all layers of the protocol stack. They will present new results, describe work in progress and explore relationships among their diverse approaches. There will be talks, posters, a soapbox session for brief presentation of new ideas. It will conclude with a lively panel and audience debate on what it all means and where it is going.

If you would like to give a talk or display a poster, please send an extended abstract (up to 3 pages, single column) to Elza Erkip elza@poly.edu, by August 15, 2005.

Organized by Wireless Internet Center for Advanced Technology, a National Science Foundation Industry/University Cooperative Research Center at Polytechnic and Columbia University.