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Texas Instruments' TI-Navigator technology allows students and teachers to interact through wireless networking of graphing calculators, a computer, and classroom presentation hardware. At the University of Northern Colorado, we are researching the use of the TI-Navigator in conjunction with teaching college algebra. Students in these classes use the network system while they work both individually and in groups to participate in classroom discussions, informal assessments, and activities. Session attendees will use the TI-Navigator system in some of the ways that we have found to be useful in our college algebra classrooms. A brief advanced graphing activity will allow session participants to interact with the networking technology and discuss some of the challenges and benefits of teaching college mathematics while using the TI-Navigator system. (Received September 20, 2007)