

Open Spectrum



Jon Crowcroft & William Lehr

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Spectrum part of WG Agenda: 6/05

- Spectrum Policy
 - Bill Lehr, Jon Crowcroft

Open Spectrum: Industry Involvement

- 2 day meeting 19-20 April
- 175 companies attend- small and large (the largest!)
- Topics
 - Spectrum Economics
 - Mechanisms for spectrum trading
 - New technologies
- Feedback forms after meeting - areas of interest for WG:
 - Legal/Economic
 - Spectrum Demand
 - UWB

Open day continued...demonstrations

- Fiber Radio -
 - running 802.11 over fiber link from CL to Engineering so users in CL on WiFi capable devices could use WiFi net in
- Engineering Digital Radio use for s/w content distribution
- Broadband over power line
 - question of use of OFDM and notching out frequencies that interfere
- Taxi Dispatch based on MANET
- WISP Roaming Economics
- Ubicomp interaction
 - barcodes/camera-phones
 - 3D Audio Location
 - "PushLogic" (from Pervasive KIC)

What next?

- Working on
 - Economic model of mix of regulated and unregulated spectrum
 - Mobility models based on real world traces for pedestrians and cars
 - P2P on MANET working large scale prototype
 - see REALMAN workshop/demos 2 weeks in Santorini
 - Call for Participation in WG
 - Over to you !!!