ACM MobiCom is a highly-selective international conference on mobile computing and networking. It serves as the premier forum for presenting and discussing research results on networks, systems, algorithms, and applications supporting the symbiosis of mobile computing and wireless networking. Each year, the conference attracts about 500 researchers, practitioners, students, and executives. MobiCom 2005 will be held in beautiful Cologne, Germany.

Technical Program. The program consists of a single track with 26 papers. The authors present cutting-edge results on various topics, such as new architectures, content-based and geometric routing, self-management, cross-layer optimization. The papers cover ad hoc networks, mesh networks, wireless sensor networks, WLANs, and cellular networks. A list of accepted papers can be found at www.sigmobile.org/mobicom/2005/program.html.

Panels and Demonstrations. The program also includes a number of panel discussions on hot topics and technical demonstrations of experimental systems.

Tutorials. Four tutorials will be offered: (a) Wireless sensor and actuator networks, (b) 802.11 WLAN MAC and smart antennas: issues and directions, (c) Security in sensor and ad hoc networks: perspectives and status, (d) Wide-area wireless networks: 3G and beyond.

Student Poster Session. For the first time, MobiCom hosts the ACM Student Research Competition. Students submitting to the poster session can receive up $500 for their travel, depending on need and eligibility.

Workshops. One day is dedicated to workshops on specific technical areas in mobile and wireless networking. The following workshops take place:
- Foundations of Mobile Computing (DIAL M-POMC)
- Dynamic Interconnection of Networks (DIN)
- Vehicular Ad Hoc Networks (VANET)
- Wireless Security (WiSe)
- Wireless Mobile Applications and Services on WLAN Hotspots (WMASH)

Registration is available at www.regmaster.com/mobicom2005.html. There is a discounted rate until August 5, 2005.