



# PRELIMINARY CALL FOR PAPERS

The 28th Annual Conference of the IEEE Communications Society  
April 19-25, 2009, Rio de Janeiro, BRAZIL

The IEEE INFOCOM 2009 conference seeks papers describing significant research contributions to the field of computer and data communication networks. We invite submissions on network architecture, design, implementation, operations, analysis, measurement, performance, and simulation. Topics of interest include, but are not limited to, the following:

- |   |  |                                  |                                       |
|---|--|----------------------------------|---------------------------------------|
| Ad hoc mobile networks                  | Delay/disruption tolerant networks     | Network management               | Security, trust, & privacy            |
| Addressing & location management        | Future Internet design                 | Network simulation & emulation   | Self-organizing networks              |
| Broadband access technologies           | Implementation & experimental testbeds | Novel network architectures      | Sensor nets & embedded systems        |
| Capacity planning                       | Middleware support for networking      | Optical networks                 | Service overlays                      |
| Cellular & broadband wireless nets      | Mobility models & systems              | Peer-to-peer networks            | Switches & switching                  |
| Congestion control                      | Multicast & anycast                    | Performance evaluation           | Topology characterization & inference |
| Content distribution                    | Multimedia protocols & networking      | Power control & management;      | Traffic measurement and analysis      |
| Cross layer design and optimization     | Network applications & services        | Pricing & billing                | Traffic engineering, & control        |
| Cyber-physical computing and networking | Network architectures                  | Resource allocation & management | Virtual & overlay networks            |
| Denial of service                       | Network control                        | Routing protocols                | Web services & performance            |
|   |  | Scheduling & buffer management   | Wireless mesh networks and protocols  |

- Important Dates:**
- **Paper registration:** August 22, 2008
  - **Full paper due:** August 29, 2008
  - **Notification of acceptance:** December 22, 2008

## Preliminary Organizing Committee:

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