As it is established practice at NOSSDAV, the 18th installment will focus on cutting-edge, state-of-the-art research in multimedia and newly emerging areas. NOSSDAV in Braunschweig will be held under the dual sign of interactivity.

Firstly, we encourage submissions to the topic of system support for interactive multimedia in particular. New and innovative ideas will be preferred over contributions aimed at perfecting established topics. Controversial ideas and approaches and their open discussion are strongly encouraged. Secondly, we want to incite interactivity among the senior and junior participants. Workshop setting and schedule will be such that discussion is fostered, and it should be especially worthwhile for graduate students with innovative ideas to meet senior researchers as well as peers and receive feedback from them.

The workshop will include special sessions where participants are invited to present prototypes of their software, demos, or entire research systems online and interactively.

Accepted papers will be published in the ACM Digital Library. Note that IWQoS is held on June 2-4 at the University of Twente. If you are also interested in attending IWQoS, you can easily combine the two trips.

Topics of interest include, but are not limited to:

- Wireless and mobile multimedia systems
- Resource management in Ad-hoc networks
- 3D multimedia and tele-immersion
- Streaming 3D graphics and virtual worlds
- Networked games
- Sensor networks and architectures
- Real-time operating system support for multimedia
- Peer-to-peer streaming
- In-network stream processing
- Programmable subsystems for multimedia
- Multimedia system using heterogeneous processing architectures
- Multimedia grids
- Energy awareness
- Application-level multicast
- Multimedia middleware and the IP multimedia subsystem
- Multimedia security
- Digital rights management

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Paper registration: January 28, 2008
Paper deadline: February 4, 2008
Review deadline: March 17, 2008
Notification: March 24, 2008
Final papers due: April 14, 2008
Workshop: May 28-30, 2008

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