

**Call for Papers**  
**Fifth IEEE/CreateNet International Workshop on Optical Burst/Packet Switching (WOBS)**  
Boston, MA  
October 3, 2005  
[www.obsmeeting.org](http://www.obsmeeting.org)  
co-located with IEEE BroadNets 2005  
October 3-7, 2005  
[www.broadnets.org](http://www.broadnets.org)

Optical burst switching (OBS) and optical packet switching (OPS) are promising switching technologies which have the potential to efficiently utilize the bandwidth of optical transmission systems to support a diverse range of emerging high-bandwidth applications. The promise of OBS and OPS has recently led to significant research and development efforts around the world to develop OBS and OPS technologies. This growing interest in OBS and OPS has resulted in the organization of a series of successful international workshops on OBS and OPS, starting in 2003 with the First International Workshop on Optical Burst Switching at OptiComm 2003 in Dallas, and continuing to the Workshop on OPS/OBS at COIN 2005 in ChongQing, China.

This workshop on OBS/OPS at BroadNets 2005 provides a forum for researchers and developers from universities, industry, and government agencies to openly exchange information and to discuss the technical and commercial challenges associated with the development and deployment of optical burst-switched and packet-switched networks.

Papers are solicited in all research and applied areas related to optical burst switching and optical packet switching. Topics covered by the workshop include, but are not limited to the following:

- OBS/OPS node architecture
- Signaling and control in OBS/OPS networks
- Contention resolution in OBS/OPS networks
- Routing in OBS/OPS networks
- Grid applications for OBS/OPS
- TCP/IP, Ethernet, or SONET over OBS/OPS
- OBS/OPS network survivability
- Quality of service in OBS/OPS networks
- Traffic engineering and grooming in OBS/OPS networks
- Performance evaluation of OBS/OPS networks
- OBS/OPS experiments and testbeds
- Components and devices for OBS/OPS networks
- Commercial and regulatory issues related to OBS/OPS

Important dates:

- Paper submission deadline: **July 2, 2005**
- Acceptance notification: August 1, 2005
- Camera-ready papers due: August 31, 2005

Submission Guidelines:

Authors are invited to submit full papers of up to 10 pages in IEEE conference proceedings format. Also, 3-page extended abstracts on new topics or containing recent or preliminary results are welcome. All submissions should be submitted electronically in Adobe PDF format through <http://cocus.info> website. **Proceedings will appear on IEEE Xplore.**

Organizing Committee:

Co-Chairs:

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