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Second Call for Papers: Due Date Jan. 9, 2006



2006 IEEE International Symposium on Information Theory

<http://www.isit2006.org>

The Westin Seattle
July 9 – July 14, 2006

The 2006 IEEE International Symposium on Information Theory will be held at The Westin Seattle (Seattle, Washington) from Sunday July 9 through Friday July 14, 2006. Seattle is conveniently located on the west coast, in the Pacific Northwest. This thriving city offers a range of cultural activities. Mountains, Olympic Peninsula, Puget Sound, and Lake Washington offer inspiring recreational opportunities.

Previously unpublished contributions to the following areas are solicited:

Coded modulation	Multiuser detection
Coding theory and practice	Multiuser information theory
Communication complexity	Network coding
Communication systems	Pattern recognition and learning
Cryptology and data security	Quantum information processing
Data compression	Shannon theory
Data networks	Signal processing
Detection and estimation	Source coding
Information theory and statistics	

Submitted papers should be of sufficient detail for review by experts in the field. In addition to submitting new results in areas that form the core of information theory, researchers in related fields and researchers working on novel applications of information theory are encouraged to submit contributions. Final papers will be five pages in length. The submission deadline is **January 9, 2006**. Detailed information on paper submission, technical program, tutorials, travel, and excursions will be posted on the ISIT 2006 web site: <http://www.isit2006.org>

Plenary talks will be given by: B. Frey, U. Toronto; D. Geman, JHU; A. Vardy, UCSD; and A. Yao, Tsinghua U.

