



University Park Campus, Penn State University June 1-5, 2008

The First Annual School of Information Theory is dedicated to the memory of our beloved colleague Sergio Servetto whose untimely death on July 24, 2007 saddened us all. Sergio cared a great deal about students and wanted to have a School of Information Theory in North America. We are happy that his wish could become reality here today.

A Sergio Servetto Memorial Session will be held on Tuesday, July 8, 2008, at ISIT in Toronto.



Theses

MS Thesis: Further Developments in Wavelet-Based Image Coding. Department of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign. December 1996.

Ph.D. Thesis: Compression and Reliable Transmission of Digital Image and Video Signals. Department of Computer Science, University of Illinois at Urbana-Champaign. May 1999 (David J. Kuck Outstanding Thesis Award).

Publications in the IEEE Transactions on Information Theory

Multiple-description vector quantization with lattice codebooks: design and analysis
V. A. Vaishampayan, N.J.A. Sloane, S.D. Servetto, vol. 47, no. 5, July 2001, pp. 1718-1734

Optimal filter banks for multiple description coding: analysis and synthesis
P.L. Dragotti, S.D. Servetto, M. Vetterli, vol. 48, no. 7, July 2002, pp. 2036-2052

Network information flow with correlated sources
J. Barros, S.D. Servetto, vol. 52, no. 1, January 2006, pp. 155-170

On the scalability of cooperative time synchronization in pulse-connected networks
A.-S. Hu, S.D. Servetto, vol. 52, no. 6, June 2006, pp. 2725-2748

Broadcast channels with cooperating decoders
R. Dabora, S.D. Servetto, vol. 52, no. 12, December 2006, pp. 5438-5454

Lattice quantization with side information: codes, asymptotics, and applications in sensor networks
S.D. Servetto, vol. 53, no. 2, February 2007, pp. 714-731