

Call for papers: Special Volume on
Entropy of Hidden Markov Processes and Connections to Dynamical Systems

Cambridge University Press is inviting authors to submit papers for a special volume on Entropy of Hidden Markov Processes and Connections to Dynamical Systems. This special volume follows the Banff 2007 workshop on the same topic, but is open to contributions that were not presented in it.

The aim of the special volume is to solicit and publish papers that provide a clear view of the state of knowledge on the entropy of hidden Markov processes and its computation. Submissions pertaining to this theme are encouraged, from perspectives that include, but are not limited to, information theory (source, channel and constrained coding), dynamical systems (iterated function systems and Lyapunov exponents), probability theory (random matrix products), and statistical mechanics. Submissions of papers reporting on previously unpublished original research results, as well as tutorial and expository papers, are welcome.

Articles should be submitted electronically via email to one of the editors, in Postscript or PDF format. Submissions should include all author contact information on the first page. Submission emails should indicate in the subject headers that the submission is intended for the Special Volume on Entropy of Hidden Markov Processes. Submissions will be subjected to the highest standards of peer review, according to the following schedule:

- Submission deadline: February 1st, 2009
- First round of referee reports due by: April 1st, 2009
- Submission of revised manuscripts based on referee reports due by: August 1st, 2009
- Final feedback on revised manuscripts from referees due by: October 1st, 2009
- Final drafts of manuscripts due: December 1st, 2009
- Publication of volume: Beginning of 2010

Editors:

- Brian Marcus, Department of Mathematics, University of British Columbia,
email: marcus@math.ubc.ca
- Karl Petersen, Department of Mathematics, University of Carolina, Chapel Hill,
email: petersen@math.unc.edu
- Tsachy Weissman, Departments of Electrical Engineering, Stanford and Technion,
email: tsachy@stanford.edu



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