

Call For Papers

Sampling Theory in Signal and Image Processing

Special Issue “SampTA 2011”

The 9th International Conference on Sampling Theory and Applications, SampTA 2011, (<http://sampta2011.ntu.edu.sg>) was held, for the first time in Asia gathering 132 participants from 26 countries, at the Nanyang Technological University in Singapore on May 2nd-6th 2011.

This STSIP Special Issue aims at publishing novel work or extended versions of papers related to topics addressed during the regular and special sessions at the SampTA 2011 conference:

Topics in Regular Sessions

Sampling theory and generalisations
Applications
Sparse sampling
Sparse approximation
Extended sampling geometries
Nonlinear processing
Non-uniform sampling theory and applications
Wavelets, shearlets, curvelets
Time-frequency analysis
Frame theory
Splines and applications

Topics in Special Sessions

Applications in sampling signals with finite rate of innovation
Compressed sensing
Inverse problems
Sampling in imaging systems
Quantization
Geometric multiscale analysis
High-dimensional geometry
Dictionary learning
Design of A/D converters
Signal dependent sampling and processing

The special issue is a call to gather a broad range of methods, algorithms and theoretical results in the area of sampling techniques. The submitted papers can be either original research papers or review papers. Short submissions presenting software packages related to some of the topics of the special issue will also be considered.

Submission Procedure

Prospective authors should follow the [typesetting instructions](#) available at <http://stsip.org/> and submit the manuscripts to the Guest Editors. The manuscripts will undergo a standard peer review process according to the following timetable:

Call for Papers :	January 15 th , 2012
Manuscript submissions due :	May 15 th , 2012
First review completed :	July 15 th , 2012
Revised manuscripts due :	September 1 st , 2012
Second review completed :	October 15 th , 2012
Final manuscript due :	November 15 th , 2012
Publication to appear :	January 15 th , 2013

Guest Editors

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