

# CALL FOR PAPERS

Sampling Theory in Signal and Image Processing

## Special Issue “SAMPTA'09”

SAMPTA'09, the 8<sup>th</sup> international conference on Sampling Theory and Applications, was held in Marseille, France on May 18-22, 2009. The conference gathered 160 participants from various fields related to sampling theory. This special issue aims at publishing papers related to the topics addressed during the conference. Submissions can be (but are not limited to) extended versions of papers presented during the conference, however any submission is welcome. 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.

This special issue is a call to gather a broad range of methods, algorithms and theoretical results in the area of sampling techniques. The retained papers will present new works and review papers.

Original contributions are solicited from the following non-exhaustive list of topics:

- General sampling, mathematical aspects of sampling
- Frames, theory and practice
- Sparsity, compressed sensing (theory and applications)
- Wavelets, curvelets, bandlets,... and generalizations
- Geometric multiscale analysis, approximation in high dimensional geometry
- Sampling using finite rate of innovation principles
- Sampling and communication
- Resampling, rate conversion
- Sampling in industrial applications

### Submission Procedure

Papers should be submitted electronically by email to

**`sampta09@cmi.univ-mrs.fr`**

Prospective authors should follow the [typesetting instructions](http://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:

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|-----------------------------|--|
| Call for papers             | February 1, 2010                         |
| Manuscript submissions due: | <del>July 15, 2010</del> August 15, 2010 |
| First review completed:     | November 1, 2010                         |
| Revised manuscripts due:    | December 15, 2010                        |
| Second review completed:    | January 15, 2011                         |
| Final manuscript due:       | February 1, 2011                         |

### Guest Editors

Dr. Laurent Fesquet, CIS Group, TIMA Laboratory, INP Grenoble, France, Laurent.Fesquet (atmark) imag.fr

Prof. Bruno Torrèsani, Université de Provence, LATP, Marseille, France, Bruno.Torresani (atmark) cmi.univ-mrs.fr