



Sampling Theory in Signal and Image Processing (STSIP) – Special Issue

SAMP TA 2015

American University

Washington, DC, USA
May 25–29, 2015

Special Edition for SampTA 2015 – Call for Papers

SAMP TA is a biennial interdisciplinary international conference for mathematicians, engineers, and applied scientists. The main purpose of the meeting is to exchange recent advances in sampling theory and to explore new trends and directions in the related areas of application. The conference focuses on the wide variety of fields related to sampling. SAMP TA 2015 achieved some rather notable milestones:

- The meeting was endorsed by the *Institute of Electrical and Electronics Engineers (IEEE)* and the *Society for Industrial and Applied Mathematics (SIAM)*.
- The conference papers are published in *IEEE Xplore – 2015 International Conference on Sampling Theory and Applications (SampTA 2015)*
<http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7131338>.
- SampTA 2015 received grant support from the *Air Force Office of Scientific Research (AFOSR)* and the *Army Research Office (ARO)*.

SAMP TA focused on such fields as signal and image processing, compressed sensing, coding theory, control theory, computational neuroscience, information theory, real and complex analysis, and applied, computational, and classical harmonic analysis. **Papers in all these fields will be considered.** Expansions on conference papers in the *Proceedings of SampTA 2015* will be given primary consideration. Papers will be peer-reviewed for technical accuracy and topical relevance through a formal reviewing process. They are prepared using \LaTeX or AMS \LaTeX . (See <http://stsip.org/resource/typesetting.html>.)

Submission: 03/15/2016 – Acceptance: 07/15/2016 – Final Version: 11/15/2016

Information: <http://stsip.org> or <http://www.american.edu/cas/mathstat/sampata2015/stsip>

Questions: stsip.sampata2015@gmail.com

Our wonderful discipline sits at a crossroad. Just as mathematics and engineering used to be driven by mathematical physics, our mathematics and engineering will be motivated by the science of information. The SAMP TA community is in a unique position to contribute to these efforts. Our work provides the tools for advances in a very wide spectrum of areas, from communications and data to medical imaging and information to the social and political sciences. We look forward to your paper submissions.

Stephen D. Casey
Chair, SAMP TA 2015,
Guest Editor, STSIP