



CALL FOR PAPERS SAMP TA 2017 — JULY 3–7, TALLINN, ESTONIA

TALLINN UNIVERSITY OF TECHNOLOGY / TALLINN UNIVERSITY / UNIVERSITY OF TARTU

SampTA 2017 is the 12th biennial International Conference on Sampling Theory and Applications. SampTA conferences bring together mathematicians and engineers interested in sampling theory and its applications to related fields (such as signal and image processing, coding theory, control theory, complex analysis, harmonic analysis, differential equations, inverse problems) to exchange recent advances and to discuss open problems.

SampTA 2017 will have 10 plenary lectures, about 150 twenty-five minute talks and poster sessions on selected topics and mini-courses for doctoral students. Paper submissions, 4 pages in length, on *any aspect of sampling theory and applications* are welcome. Detailed submission guidelines will be published on the conference webpage <http://www.sampta2017.ee/>.

LIST OF PLENARY SPEAKERS

David Gross Stephane Jaffard	Michael Lacey Jose Principe	Justin Romberg Amit Singer	Sergio Verdu Rene Vidal	Laura Waller Rachel Ward
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SPECIAL SESSIONS

<ul style="list-style-type: none"> ▪ Mathematical Data Processing with Optimization ▪ Bilinear Inverse Problems ▪ Mathematics of Deep Learning ▪ Mathematical Theory of Quantization 	<ul style="list-style-type: none"> ▪ Low Rank Matrix Recovery and Phase Retrieval ▪ Shannon Sampling 100 Years After His Birth ▪ Time-Frequency Analysis 	<ul style="list-style-type: none"> ▪ Dynamical Sampling ▪ Sampling and Geometry ▪ Frames, Nonlinear Approximations and Hilbert Transform ▪ Spectral Estimation and Acoustics
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IMPORTANT DATES 2017

Jan. 1: Registration opens Jan. 31: Paper submission ends	March 31: Paper acceptance confirmation May 1: Final manuscripts due	May 1: Regular registration closes May 20: Program finalized
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Technical Committee Chairs: Holger Boche, Carlos Cabrelli, Paulo J.S.G. Ferreira, Anders Hansen, Götz Pfander, Holger Rauhut, Rebecca Willett.

Invited Sessions Organizers: Akram Aldroubi, Radu Balan, Afonso Bandeira, Helmut Boelcskei, Jean-Luc Bouchot, Stephen Casey, Jens Christensen, Sjoerd Dirksen, Karlheinz Gröchenig, Philipp Grohs, David Gross, Shiv K. Kaushik, Felix Krahmer, Xiadong Li, Dustin Mixon, Deanna Needell, Gestur Olafsson, Götz Pfander, Miguel Rodrigues, Jose Luis Romero, Rayan Saab, Sumit Sharma, Mahdi Soltanolkotabi, Ahmed Zayed.

Local Committee: Gholamreza Anbarjafari, Peeter Ellervee, Andi Kivinukk (Chair), Olev Märtens, Olga Orlova, Gert Tamberg, Maria Zeltser.

