

**APSIPA Technical Committee
New Member Nomination Form**

Part I: To be completed by the nominee

- 1) Name of the Nominee: SHI Chuang
Job Title: Senior Research Fellow
- 2) Affiliation: Nanyang Technological University, Singapore
Address: S2-B4a-03, 50 Nanyang Avenue, Singapore 6379798
- 3) Phone: +65-67906901
- 4) Fax: +65-67933318
- 5) Email: sam.shichuang@gmail.com
- 6) CV is attached
- 7) PhD of Nanyang Technological University, Singapore, 2013.
- 8) APSIPA Life Member, APSIPA 2017 Publicity Co-chair, APSIPA Social Net Committee Member
- 9) I confirmed my willingness to serve and perform duties according to the APSIPA's Bylaws, Policies and Procedures. I understand the responsibilities of a TC member, in particular reviewing papers for APSIPA ASC (about 10 papers), attending the yearly meeting of the TC, in addition to participating in the activities of the TC.
- 10) List of 5 publications/patents that are most relevant to APSIPA:
 1. C. Shi, Y. Kajikawa, and W. S. Gan, "An overview of directivity control methods of the parametric array loudspeaker," *APSIPA Transactions on Signal and Information Processing*, vol. 3, no. E20, pp. 1-12, 2014.
 2. C. Shi, Y. Kajikawa, and W. H. Abdulla, "On adopting parametric array loudspeakers in active noise control," *APSIPA Newsletter*, no. 10, pp. 6-8, August 2015.
 3. C. Shi and W. S. Gan, "On grating lobe elimination of difference frequency in parametric loudspeaker," in *Proceedings of the 2010 APSIPA Annual Summit and Conference*, Singapore, December 2010.
 4. D. Shi, C. Shi, and W. S. Gan, "A systolic FxLMS structure for implementation of feedforward active noise control on FPGA," in *Proceedings of the 2016 APSIPA Annual Summit and Conference*, Jeju, Korea, December 2016.
 5. Special session organizer/chair of "signal processing methods and applications of the parametric array loudspeaker", at *the 2014 APSIPA Annual Summit and Conference*, Siem Reap, Cambodia, December 2014.

Part II: To be completed by the nominator (must be a current member of the APSIPA TC)

Name of the Nominator: Prof. Woon-Seng Gan

Supporting Statement (not to exceed one page):