The 2014–2017 George N. Saridis Best Transactions Paper Award

Fei-Yue Wang, *Fellow, IEEE*, Azim Eskandarian, *Senior Member, IEEE*,
Ljubo Vlacic, *Senior Member, IEEE*, and Petros Ioannou, *Fellow, IEEE*

IN 2015, the Board of Governors of IEEE Intelligent Transportation Systems Society had approved the proposal to name the Best Paper Award in IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS as the George N. Saridis Best Transactions Paper Award. After nearly five years of preparation and planning, and almost one year of hard and concentrated effort by the Award Committee, we are pleased to announce the 2014–2017 George N. Saridis Best Transactions Paper Award for papers published in the IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS.

The selection procedures are summarized as follows:

1) Eligibility: All papers published in the IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS during the three calendar years preceding the year of the award are eligible. The paper publication date is determined by the journal volume date (not the online publication date).

2) Evaluation: Two types of Best Papers are selected: Regular Papers and Review/Position Papers. Originality, citations, impact, and importance are considered for Regular Papers; originality, timeliness, technical content, insight, and broader impact are considered for Review/Position Papers.

3) Selection: (1) Top ten most-cited papers according to the Google Scholar, plus any paper solicited or nominated through the open call, are considered as Candidate Papers. (2) The Award Committee is responsible for organizing the review process to select 2–3 Award Finalists Papers. (3) The Award Committee votes and selects the final Best Papers.

Here is the final result for the 2014–2017 George N. Saridis Best Transactions Paper Award.

2014:

The George N. Saridis Best Transactions Paper Award for Outstanding Research

J. Lee and B. Park, "Development and evaluation of a cooperative vehicle intersection control algorithm under the connected vehicles environment," *IEEE Trans. Intell. Transp. Syst.*, vol. 13, no. 1, pp. 81–90, Mar. 2012.

The George N. Saridis Best Transactions Paper Award for Outstanding Survey

J. Zhang, F.-Y. Wang, K. Wang, W.-H. Lin, X. Xu, and C. Chen, "Data-driven intelligent transportation systems: A survey," *IEEE Trans. Intell. Transp. Syst.*, vol. 12, no. 4, pp. 1624–1639, Dec. 2011.

2015:

The George N. Saridis Best Transactions Paper Award for Outstanding Research

V. Milanes, S. E. Shladover, J. Spring, C. Nowakowski, H. Kawazoe, and M. Nakamura, "Cooperative adaptive cruise control in real traffic situations," *IEEE Trans. Intell. Transp. Syst.*, vol. 15, no. 1, pp. 296–305, Feb. 2014.

The George N. Saridis Best Transactions Paper Award for Outstanding Survey

M. Rahman, M. Chowdhury, Y. Xie, and Y. He, "Review of microscopic lane-changing models and future research opportunities," *IEEE Trans. Intell. Transp. Syst.*, vol. 14, no. 4, pp. 1942–1956, Dec. 2013.

2016:

The George N. Saridis Best Transactions Paper Award for Outstanding Research

L. Moreira-Matias, J. Gama, M. Ferreira, J. Mendes-Moreira, and L. Damas, "Predicting taxi–passenger demand using streaming data," *IEEE Trans. Intell. Transp. Syst.*, vol. 14, no. 3, pp. 1393–1402, Sep. 2013.

The George N. Saridis Best Transactions Paper Award for Outstanding Survey

V. J. Hodge, S. O'Keefe, M. Weeks, and A. Moulds, "Wireless sensor networks for condition monitoring in the railway industry: A survey," *IEEE Trans. Intell. Transp. Syst.*, vol. 16, no. 3, pp. 1088–1106, Jun. 2015.

2017:

The George N. Saridis Best Transactions Paper Award for Outstanding Research

M. di Bernardo, A. Salvi, and S. Santini, "Distributed consensus strategy for platooning of vehicles in the presence of time-varying heterogeneous communication delays," *IEEE Trans. Intell. Transp. Syst.*, vol. 16, no. 1, pp. 102–112, Feb. 2015.

The George N. Saridis Best Transactions Paper Award for Outstanding Survey

K. C. Dey *et al.*, "A review of communication, driver characteristics, and controls aspects of cooperative adaptive cruise control (CACC)," *IEEE Trans. Intell. Transp. Syst.*, vol. 17, no. 2, pp. 491–509, Feb. 2016.

Congratulations to all authors!

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George N. Saridis (1931–2006) was a Professor with Purdue University and with the Rensselaer Polytechnic Institute. He was the Founding Director of the U.S. NSF's Systems Engineering and Control Program and the Founding President of the IEEE Robotics and Automation Society. He was a pioneer in intelligent control, robotics, and intelligent transportation systems, and led the effort in initiating research and development of those fields in the 1960s and 1970s.