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

In 2015, the Board of Governors of the IEEE Intelligent Transportation Systems Society 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 (Figure S1). 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 articles published in *IEEE Transactions on Intelligent Transportation Systems*.

The selection procedures are summarized as follows.

■ *Eligibility*: All articles published in *IEEE Transactions on Intelligent Transportation Systems* during the three calendar years preceding the year of the award are eligible. The article publication date is determined by the journal volume date (not the online publication date).

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

Dr. George N. Saridis, Pioneer in Intelligent Control, Robotics, and Intelligent Transportation Systems

Dr. George N. Saridis (Figure S1), a professor at Purdue University and Rensselaer Polytechnic Institute, was the Founding Director of the U.S. National Science Foundation'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 he led the effort in initiating research and development of those fields in the 1960s and 1970s.

FIG S1 George N. Saridis (1931–2006).

■ *Selection*: First, the top-10 most-cited articles according to Google Scholar, plus any article solicited or nominated through the open call, are considered as Candidate Papers. Next, the Award Committee is responsible for organizing the review process to select two to three Award Finalists Papers. Finally, the Award Committee votes and selects the final Best Papers.

The following is the list of final results 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. doi: 10.1109/TITS.2011.2178836.

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

J. Zhang, F. Wang, K. Wang, W. 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. doi: 10.1109/TITS.2011.2158001.

2015

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

V. Milanés, 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. doi: 10.1109/TITS.2013.2278494.

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. doi: 10.1109/TITS.2013.2272074.

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, Sept. 2013. doi: 10.1109/TITS.2013.2262376.

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, June 2015. doi: 10.1109/TITS.2014.2366512.

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. doi: 10.1109/TITS.2014.2328439.

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. doi: 10.1109/TITS.2015.2483063.

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