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Hojjat Adeli Award for Outstanding Contributions in Neural Systems

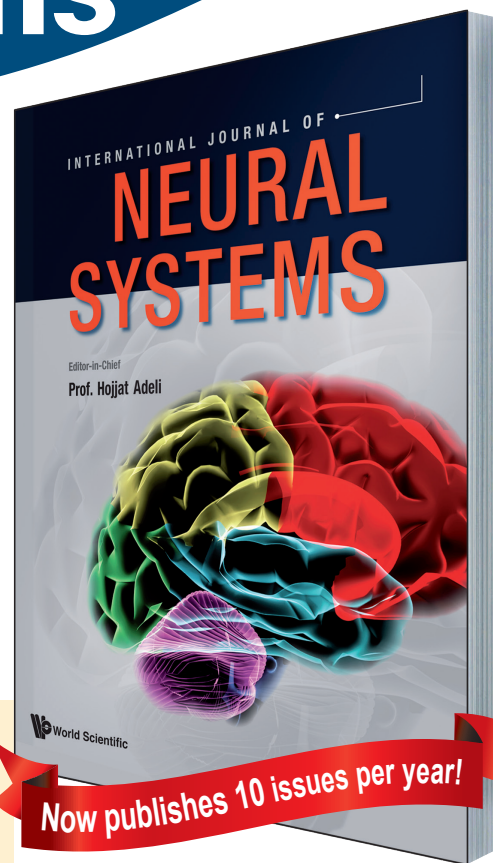
To honor the extraordinary leadership and impactful and inventive research contributions of the Editor-in-Chief of IJNS, World Scientific established the *Hojjat Adeli Award for Outstanding Contributions in Neural Systems* in 2011 with a cash prize of \$500 to be given annually to the author(s) of the best paper published in the previous volume year. The recipient of the award is selected by the Editor-in-Chief in consultation with members of the Editorial Advisory Board and is announced in the August issue of the journal.

We are pleased to announce the cash amount of the award has been increased to **\$5,000**.



Hojjat Adeli received his Ph.D. from Stanford University in 1976 at the age of 26. He is currently an **Academy Professor** at The Ohio State University where he held the Abba G. Lichtenstein Professorship for ten years. He has authored 610 research and scientific publications in various fields of computer science, engineering, applied mathematics, and medicine, including 16 ground-breaking high-technology books such as *Automated EEG-based Diagnosis of Neurological Disorders - Inventing the Future of Neurology* (CRC Press, 2010), and holds a United States patent. He is the recipient of 59 awards and honors including Honorary Doctorates and membership in 4 European academies. In 1998 he received the *Distinguished Scholar Award*, The Ohio State University's highest research award "in recognition of extraordinary accomplishment in research and scholarship". In 2007 he received the *Peter L. and Clara M. Scott Award for Excellence in Engineering and Charles E. MacQuigg Outstanding Teaching Award* from OSU. In 2010, he was profiled as an *Engineering Legend* in the ASCE journal of *Leadership and Management in Engineering*. He has served on the editorial board of 143 journals and presented 112 Keynote/Plenary Lectures at conferences held in 44 different countries. He has held Honorary/Distinguished Professorship at half a dozen Asian and European Universities. He is a Distinguished Member of ASCE, and a Fellow of AAAS, IEEE, AIMBE, and American Neurological Association. He is a Clarivate Analytics **Highly Cited Researcher** in two categories of **Computer Science** and **Engineering**.

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Top papers: Hojjat Adeli Awards for Outstanding Contribution in Neural Systems

- **2013 winner:** G. Van Dijck, K. Seidl, O. Paul, P. Ruther, M.M. Van Hulle and R. Maex, "Enhancing the yield of high-density electrode arrays through automated electrode selection," *IJNS*, 22:1, 2012 (Catholic University of Leuven, Belgium, University of Freiburg, Germany, and University of Hertfordshire, United Kingdom).
- **2014 winner:** J. D. Enderle and D. A. Sierra, "A New Linear Muscle Fiber Model for Neural Control of Saccades," *IJNS*, 23:2, 2013 (University of Connecticut, U.S.A.).
- **2015 winner:** J. Friedrich, R. Urbancziky, and W. Senn, "Code-specific Learning Rules Improve Action Selection by Populations of Spiking Neurons," *IJNS*, 24:5, 2014 (University of Cambridge, UK, University of Bern, Switzerland, and Columbia University).
- **2016 winner:** A. Deleforge, F. Forbes, and R. Horaud, "Acoustic Space Learning for Sound-source Separation and Localization on Binaural Manifolds," *IJNS*, 25:1, 2015 (INRIA, Grenoble, France).
- **2017 winner:** Y. Yang, T. Solis-Escalante, J. Yao, A. Daffertshofer, A.C. Schouten, and F.C.T. Van der Helm, "A General Approach for Quantifying Nonlinear Connectivity in the Nervous System Based on Phase Coupling," *IJNS*, 26:1 (Delft University of Technology, The Netherlands, Northwestern University, USA, VU University Amsterdam, The Netherlands, University of Twente, The Netherlands).
- **2018 winner:** F. Weissenberger, F. Meier, J. Lengler, H. Einarsson, and A. Steger, "Long Synfire Chains Emerge by Spike-Timing Dependent Plasticity Modulated by Population Activity: Improved and Tight Results on Sequence Learning in Sparse Neuronal Networks," *IJNS*, 27:8, 2017 (ETH Zurich, Switzerland).

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