

Fred W. Ellersick Prize

Given annually to the best article published in a Communications Society magazine in the previous 3 calendar years

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Prize

Plaque and honorarium up to \$500 for each author (total awards not to exceed \$1000).

Eligibility

Publication of an original paper in any Communications Society magazine in the previous 3 calendar years; author need not be an IEEE member.

Nominee Solicitation

Nominations solicited by the Chair of Magazines Paper Awards Selection Committee in consultation with Magazines Editors-in-Chief.

Selection Process

Nominations screened and short list prepared by the Magazines Paper Awards Selection Committee with the approval of the Magazines Editors-in-Chief. The short list is submitted to the Communications Society Awards Committee for final selection.

Presentation

Annually (as soon as possible after recommendation). Award may not be given if a paper of high quality is not uncovered.

(formerly the Communications Society Magazine Prize Paper Award; renamed in 1992)

AWARDEES

2012 Moe Z. Win
Andrea Conti
Santiago Mazuelas
Yuan Shen
Wesley M. Gifford

"Network Localization and Navigation Via cooperation,"
IEEE Communications Magazine, Vol. 49, No.5, May 2011, pp. 56-62.

- 2011**
Dusit Niyato
Ekram Hossain
Zhu Han
"Dynamic Spectrum Access in IEEE 802.22-Based Cognitive Wireless Networks: A Game Theoretic Model for Competitive Spectrum Bidding and Pricing," *IEEE Wireless Communications Magazine*, Vol. 16, No 2, pp 16-23, April 2009
- 2010** Irwin Dorros
"Retrospective — 25 Years Later", *IEEE Communications Magazine*, Vol 47, No 6, pp 14-20, June 2009
- 2009** Omer Ileri
Narayan B. Mandayam
"Dynamic Spectrum Access Models: Toward an Engineering Perspective in the Spectrum Debate", *IEEE Communications Magazine*, Vol. 46, No. 1, pp. 153-160, January 2008
- 2008** Reaz Ahmed
Noura Limam
Jin Xiao
Youssef Iraqi
Raouf Boutaba
"Resource and Service Discovery in Large-Scale Multi-Domain Networks", *IEEE Communications Surveys & Tutorials*, Vol. 9, No. 4, pp. 1 – 30, October 2007
- 2007**
Arvind Giridhar
P. R. Kumar
"Toward a Theory of In-Network Computation in Wireless Sensor Networks", *IEEE Communications Magazine*, Vol. 44, No. 4, pp. 98-107, April 2006
- 2006** Mohammed Atiquzzaman
Shaojian Fu
William Ivancic
"Evaluation of SCTP for Space Networks", *IEEE Wireless Communications*, Vol. 12, No. 5, pp. 54 - 62, October 2005
- 2005**
Simon Haykin
Mathini Sellathurai
Yvo de Jong
Tricia Willink
"Turbo-MIMO for Wireless Communications", *IEEE Communications Magazine*, Vol. 42, No. 10, pp.48-53, October 2004
- 2004**
Debanjan Saha
Bala Rajagopalan
Greg Bernstein
"The Optical Network Control Plane: State of the Standards and Deployment", *IEEE Communications Magazine*, Vol. 41, No. 8, *IEEE Optical Communications Design, Technologies, and Applications*, Vol. 1 No 3, pp. S29-S34, August 2003
- 2003**
W. David Sincoskie
"Broadband Packet Switching: A Personal Perspective", *IEEE Communications Magazine*, Vol. 40, No. 7, pp. 54-66, July 2002

- 2002** Per Johansson **"Bluetooth: an Enabler for Personal Area Networking"**, *IEEE Network Magazine*, Sept/Oct 2001, pp. 28-37
 Manthos
 Kazantzidis
 Rohit Kapoor
 Mario Gerla
- 2001** Cyriel **"A Combined Input and Output Queued Packet-Switched System Based on PRIZMA Switch- on- a- Chip Technology"**, *IEEE Communications Magazine*, Vol. 38, No. 12, pp. 70 –77, December 2000
 Minkenberg
 Ton Engbersen
- 2000** Mark E. Perkins **"Speech Transmission Performance Planning in Hybrid IP/SCN Networks"**, *IEEE Communications Magazine*, Vol. 37, No. 7, July 1999, pp. 126-131
 Charles A.
 Dvorak
 Barry H. Lerich
 Joseph A.
 Zebarth
- 1999** Vijay P. Kumar **"Beyond Best Effort: Router Architectures for the Differentiated Services of Tomorrow's Internet"**, *IEEE Communications Magazine*, Vol 36, No 5, May 1998, pp. 152-164
 T.V. Lakshman
 Dimitrios Stiliadis
- 1998** Kevin Thompson **"Wide-Area Internet Traffic Patterns and Characteristics"**, *IEEE Network*, Nov/Dec 1997
 Gregory Miller
 Rick Wilder
- 1997** T. M. Chen **"The Available Bit Rate Service for Data in ATM Networks"**, *IEEE Communications Magazine*, May 1996, Vol. 34, No. 5, pp. 56-71
 S. S. Liu
 V. K. Samalam
- 1996** J.C. Bellamy **"Digital Network Synchronization"**, *IEEE Communications Magazine*, April 1995
- 1995** Anthony S. **"The Scalable Lightwave Network"**, *IEEE Communications Magazine*, Vol. 32, No 12, December 1994
 Acampora
- 1994** Jack H. Winters **"Reducing Effects of Transmission Impairments in Digital Fiber Optic Systems"**, *IEEE Communications Magazine*, Vol 31, No 6, June 1993
 Richard D. Gitlin
 Sanjay Kasturia

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