

**Subject:** IEEE TCOM September 2013 EIC Paper News

**Date:** 2013/09/02 13:12

Dear colleagues:

The purpose of this email is to provide you with information about some interesting papers published in the IEEE Transactions on Communications (TCOM). In particular, you will find below a list of newly accepted TCOM papers that have become available in IEEEExplore in the month of August 2013 as well as a list with TCOM papers that other authors have found most relevant as indicated by the large number of downloads from IEEEExplore.

I hope you will find these two lists of papers useful for your own work.

Best wishes,

Robert Schober

Editor-in-Chief

IEEE Transactions on Communications

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 List of most downloaded papers in August 2013 (only papers published in the past 5 years are included):

Hien Quoc Ngo; Larsson, E.G.; Marzetta, T.L., "Energy and Spectral Efficiency of Very Large Multiuser MIMO Systems," Communications, IEEE Transactions on , vol.61, no.4, pp.1436,1449, April 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6457363&isnumber=6514800>

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 Andrews, J.G.; Baccelli, F.; Ganti, R.K., "A Tractable Approach to Coverage and Rate in Cellular Networks," Communications, IEEE Transactions on , vol.59, no.11, pp.3122,3134, November 2011

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6042301&isnumber=6085845>

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 Shuang Tian; Yonghui Li; Shirvanimoghaddam, M.; Vucetic, B., "A Physical-Layer Rateless Code for Wireless Channels," Communications, IEEE Transactions on , vol.61, no.6, pp.2117,2127, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6510026&isnumber=6549228>

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 Ngo, H.Q.; Larsson, E.G.; Marzetta, T.L., "The Multicell Multiuser MIMO Uplink with Very Large Antenna Arrays and a Finite-Dimensional Channel," Communications, IEEE Transactions on , vol.61, no.6, pp.2350,2361, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6493983&isnumber=6549228>

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 Yonghong Zeng; Ying-Chang Liang, "Eigenvalue-based spectrum sensing algorithms for cognitive radio," Communications, IEEE Transactions on , vol.57, no.6, pp.1784,1793, June 2009

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5089517&isnumber=5089481>

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 Leinonen, J.; Hamalainen, J.; Juntti, M., "Capacity Analysis of Downlink MIMO-OFDMA Resource Allocation with Limited Feedback," Communications, IEEE Transactions on , vol.61, no.1, pp.120,130, January 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6341775&isnumber=6451308>

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 Torrieri, D.; Valenti, M.C., "Exclusion and Guard Zones in DS-CDMA Ad Hoc Networks," Communications, IEEE Transactions on , vol.61, no.6, pp.2468,2476, June 2013

doi: 10.1109/TCOMM.2013.041113.120714  
 URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6502174&isnumber=6549228>

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 Yulong Zou; Jia Zhu; Rui Zhang, "Exploiting Network Cooperation in Green Wireless Communication," Communications, IEEE Transactions on , vol.61, no.3, pp.999,1010, March 2013

doi: 10.1109/TCOMM.2013.011613.120358  
 URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6415955&isnumber=6507371>

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 Tuan Anh Le; Nakhai, M.R., "Downlink Optimization with Interference Pricing and Statistical CSI," Communications, IEEE Transactions on , vol.61, no.6, pp.2339,2349, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6510027&isnumber=6549228>

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 Liang Yang; Qaraqe, K.; Serpedin, E.; Alouini, M.-S., "Performance Analysis of Amplify-and-Forward Two-Way Relaying with Co-Channel Interference and Channel Estimation Error," Communications, IEEE Transactions on , vol.61, no.6, pp.2221,2231, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6493988&isnumber=6549228>

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 Sohaib, S.; So, D.K.C., "Asynchronous Cooperative Relaying for Vehicle-to-Vehicle Communications," Communications, IEEE Transactions on , vol.61, no.5, pp.1732,1738, May 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6480925&isnumber=6521948>

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 Kristem, V.; Mehta, N.B.; Molisch, A.F., "Training for Antenna Selection in Time-Varying Channels: Optimal Selection, Energy Allocation, and Energy Efficiency Evaluation," Communications, IEEE Transactions on , vol.61, no.6, pp.2295,2305, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6493985&isnumber=6549228>

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 Johnston, M.; Sharif, B.S.; Tsimenidis, C.C.; Chen, L., "Sum-Product Algorithm Utilizing Soft Distances on Additive Impulsive Noise Channels," Communications, IEEE Transactions on , vol.61, no.6, pp.2113,2116, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6514975&isnumber=6549228>

Xue Li; Hong, S.; Chakravarthy, V.D.; Temple, M.; Zhiqiang Wu, "Intercarrier Interference Immune Single Carrier OFDM via Magnitude-Keyed Modulation for High Speed Aerial Vehicle Communication," Communications, IEEE Transactions on , vol.61, no.2, pp.658,668, February 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6403859&isnumber=6473967>

Heliot, F.; Imran, M.A.; Tafazolli, R., "Low-Complexity Energy-Efficient Resource Allocation for the Downlink of Cellular Systems," Communications, IEEE Transactions on , vol.61, no.6, pp.2271,2281, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6510022&isnumber=6549228>

Sok-Ian Sou, "Modeling Emergency Messaging for Car Accident over Dichotomized Headway Model in Vehicular Ad-hoc Networks," Communications, IEEE Transactions on , vol.61, no.2, pp.802,812, February 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6415963&isnumber=6473967>

Renna, F.; Bloch, M.R.; Laurenti, N., "Semi-Blind Key-Agreement over MIMO Fading Channels," Communications, IEEE Transactions on , vol.61, no.2, pp.620,627, February 2013  
doi: 10.1109/TCOMM.2012.102512.120084

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6341773&isnumber=6473967>

Kha, H.H.; Tuan, H.D.; Nguyen, H.H., "Joint Optimization of Source Power Allocation and Cooperative Beamforming for SC-FDMA Multi-User Multi-Relay Networks," Communications, IEEE Transactions on , vol.61, no.6, pp.2248,2259, June 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6502168&isnumber=6549228>

Jiajia Liu; Xiaohong Jiang; Nishiyama, H.; Kato, N., "On the Delivery Probability of Two-Hop Relay MANETs with Erasure Coding," Communications, IEEE Transactions on , vol.61, no.4, pp.1314,1326, April 2013

URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6457366&isnumber=6514800>