

Author	Co-Authors	Paper/Talk	Title	Where/When	Category
Abass, A.	Hajimirsadeghi, M., Mandayam, N.B. and Gajic, Z.	Conference Paper	Evolutionary Game Theoretic Analysis of Distributed Denial of Service Attacks in a Wireless Network	Proceedings of the 2016 Annual Conference on Information Science and Systems (CISS), Princeton, NJ, March 2016, pp. 36-41.	Radio Resource Management
Alaziz, M.	Jia, Z., Liu, J., Howard, R., Chen, Y. and Zhang, Y.	Conference Paper	Motion Scale: A Body Motion Monitoring System using Bed-Mounted Wireless Load Cells	Proceedings of the 2016 IEEE First International Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE), Washington, DC, June 2016.	Mobile Computing
Aldeer, M.	Howard, R.E., Martin, R.P., Alkadhimi, K. and Munirah Kamarudin, L.	Conference Paper	Towards Harnessing Wireless Sensor Networks for Supporting the Development Process in Iraq	Proceedings of the 2016 IEEE Conference on Open Systems (ICOS), Langkawi, Malaysia, October 2016.	Mobile Networks
Aldeer, M.	Howard, R.E. and Al-Hilli, A.	Conference Paper	Minimizing Energy Consumption in Transmit-Only Sensor Networks Via Optimal Placement of the Cluster Heads	Proceedings of the 8 th Wireless of the Students, by the Students and for the Students Workshop (in conjunction with the 22 nd Annual Conference on Mobile Computing and Networking (MobiCom 2016), New York, NY, October 2016, pp. 36-38.	Mobile Networks
Al Hilli, A.	Najafizadeh, L. and Petropulu, A.	Conference Paper	EEG Sparse Source Localization Via Range Space Rotation	Proceedings of the IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP), Cancun, Mexico, December 2015, pp. 265-268	Radio/PHY
Andrienko, G.L.	Gkoulalas-Divianis, A., Gruteser, M., Kopp, C., Liebig, T. and Rechert, K.	Journal Paper	Report from Dagstuhl: The Liberation of Mobile Location Data and its Implications for Privacy Research	Mobile Computing and Communications Review, Vol. 17, No. 2, pp. 7-18, 2013.	Mobile Computing
Ashok, A.	Xu, C., Vu, T., Gruteser, M., Howard, R., Zhang, Y., Mandayam, N., Yuan, W. and Dana, K.	Conference Paper	Low-Power Radio-Optical Beacons for In-View Recognition	Proceedings of the IEEE 82 nd Vehicular Technology Conference, (VTC-Fall 2015), Boston, MA, September 2015, pp.1-5.	Mobile Computing
Ashok, A.	Jain, S., Gruteser, M., Mandayam, N., Yuan, W. and Dana, K.	Journal Paper	Capacity of Screen-Camera Communications under Perspective Distortions	Elsevier Journal of Pervasive and Mobile Computing, Vol. 16, Part B, pp.239-250, January 2015.	Mobile Computing
Ashok, A.	Nguyen, V., Gruteser, M., Mandayam, N., Yuan, W. and Dana, K.	Conference Paper	Do Not Share!: Invisible Light Beacons for Signaling Preferences to Privacy-Respecting Cameras	Proceedings of the 1 st ACM MobiCom Workshop on Visible Light Communication Systems, Maui, HI, September 2014, pp. 39-44.	Mobile Computing
Ashok, A.	Jain, S., Gruteser, M., Mandayam, N., Yuan, W. and Dana, K.	Conference Paper	Capacity of Pervasive Camera Based Communications under Perspective Distortions	Proceedings of the IEEE International Conference on Pervasive Computing and Communications (PerCom 2014), Budapest, Hungary, March 2014, pp. 112-120.	Mobile Computing
Ashok, A.	Xu, C., Vu, T., Gruteser, M., Howard, R., Zhang, Y., Mandayam, N., Yuan, W. and Dana, K.	Conference Demo	Demo: BiFocus – Using Radio-Optical Beacons for an Augmented Reality Search Application	Proceedings of ACM International Conference on Mobile Systems, Applications and Services (MobiSys 2013), Taipei, Taiwan, June 2013, pp. 507-508.	Mobile Computing
Baid, A.	Raychaudhuri, D.	Journal Paper	Understanding Channel Selection Dynamics in Dense WiFi	IEEE Communications Magazine, Vol. 53, No. 1, pp. 110-117, January 2015	Radio Resource Management

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Baid, A.	Mukherjee, S., Vu, T., Mudigondy, S., Nagaraja, K., Fukuyama, J. and Raychaudhuri, D.	Conference Paper	Enabling Vehicular Networking in the MobilityFirst Future Internet Architecture	Proceedings of the 14 th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks, Madrid, Spain, June 2013, pp. 1-3.	Mobile Networks
Baker, B.	Silva, R., Calhoun, V.D., Sarwate, A. and Plis, S.	Conference Paper	Large Scale Collaboration with Autonomy: Decentralized Data ICA	Proceedings of the IEEE International Workshop on Machine Learning for Signal Processing (MLSP 2015), September 2015, pp. 1-6.	Mobile Computing
Bansal, G.	Cheng, B., Rostami, A., Sjoberg, K., Kenney, J.B., and Gruteser, M.	Conference Paper	Comparing LIMERIC and DCC Approaches for VANET Channel Congestion Control	Proceedings of the IEEE 6 th International Symposium on Wireless Vehicular Communications (WiVeC 2014), Vancouver, Canada, September 2014, pp. 1-7.	Radio/PHY
Berman, M.	Chase, J.S., Landweber, L., Nakao, A., Ott, M., Raychaudhuri, D., Ricci, R. and Seskar, I.	Journal Paper	GENI: A Federated Testbed for Innovative Network Experiments	Elsevier's Computer Networks, Special Issue on Future Internet Testbeds, Vol. 61, pp. 5-23, March 2014.	Mobile Networks
Bonna, K.	Spasojevic, P.	Conference Paper	Sensitivity of 1-1 Regularization on Subspace-Based SIMO Blind Channel Identification in Sample Channel Measurements	To appear in the Proceedings of the 2016 IEEE Global Conference on Signal and Information Processing (GlobalSIP), Washington, DC, December 2016.	Radio/PHY
Bonna, K.	Spasojevic, P. and Kanterakis, E.	Conference Paper	Subspace-Based SIMO Blind Channel Identification: Asymptotic Performance Comparison	Proceedings of the IEEE 2016 Military Communications Conference (MILCOM) Baltimore, MD, November 2016.	Radio/PHY
Bonna, K.	Kanterakis, E., Su, W., Ryder, T.M. and Spasojevic, P.	Conference Paper	Distributed RF Sensor Network Implementation using SDRs	Proceedings of the Wireless at Virginia Tech Symposium, Blacksburg, VA, May 2015.	Radio/PHY
Bronzino, F.	Raychaudhuri, D.	Conference Paper	Abstractions and Solutions to Support Smart-Objects in the Future Internet	Proceedings of the 2 nd Workshop on Experiences with Design and Implementation of Smart Objects, New York, NY, October 2016.	Mobile Networks
Bronzino, F.	Raychaudhuri, D. and Seskar, I.	Conference Paper	Demonstrating Context-Aware Services in the MobilityFirst Future Internet Architecture	Proceedings of the 1 st International Conference in Networking Science & Practice (ITC 28), Wurzburg, Germany, September 2016.	Mobile Networks
Bronzino, F.	Stojadinovic, D., Westphal, C. and Raychaudhuri, D.	Conference Paper	Exploiting Network Awareness to Enhance DASH Over Wireless	Proceedings of the 13 th Annual IEEE Consumer Communications and Networking Conference (CCNC 2016), January 2016, pp. 1092-1100.	Mobile Networks
Bronzino, F.	Raychaudhuri, D. and Seskar, I.	Conference Paper	Experiences with Testbed Evaluation of the MobilityFirst Future Internet Architecture	Proceedings of the 2015 European Conference on Networks and Communications (EuCNC), Paris, France, Jun/Jul 2015, pp. 507-511.	Mobile Networks
Bronzino, F.	Fan, R., Westphal, C. and Gerla, M.	Conference Paper	Congestion-Aware Edge Caching for Adaptive Video Streaming in Information-Centric Networks	Proceedings of the 12 th IEEE Consumer Communications & Networking Conference (CCNC), Las Vegas, NV, January 2015, pp. 588-596.	Mobile Networks
Bronzino, F.	Han, C., Chen, Y., Nagaraja, K., Yang, X., Seskar, I. and Raychaudhuri, D.	Conference Paper	In-Network Compute Extensions for Rate-Adaptive Content Delivery in Mobile Networks	Proceedings of the International Workshop on Computer and Networking Experimental Research using Testbeds (CNERT 2014), Chapel Hill, NC, October 2014, pp. 511-517.	Mobile Networks

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Bronzino, F.	Nagaraja, K., Seskar, I. and Raychaudhuri, D.	Conference Paper	Network Service Abstractions for a Mobility-Centric Future Internet Architecture	Proceedings of the 8 th ACM International Workshop on Mobility in the Evolving Internet Architecture (MobiArch 2013), Miami, FL, October 2013, pp. 5-10.	Mobile Networks
Budishin, S.	Spasojevic P.	Conference Paper	A Multiplicative Boolean Generator for QAM and Other Complex Complementary Sequences	Proceedings of the 2016 Information Theory and Applications Workshop, LaJolla, CA, February 2016.	Radio/PHY
Budishin, S.	Spasojevic, P.	Book Article	Paraunitary Generation/Correlation of QAM Complementary Sequence Pairs	Cryptography and Communications, Vol 6, No. 1, pp. 59-102, March 2014	Radio/PHY
Budisin, S.	Spasojevic, P.	Conference Paper	A Generalized Boolean Function Generator for Complementary Sequences	Proceedings of the Information Theory and Applications Workshop (ITA 2014), San Diego, CA, February 2014, pp. 1-7.	Mobile Computing
Chatzipanagiotis, N	Liu, Y., Petropulu, A., and Zavlanos, M.	Journal Paper	Distributed Cooperative Beamforming in Multi-Source Multi-Destination Clustered Systems	IEEE Transactions on Signal Processing, Vol. 62, No. 23, pp. 6105-6117, December 2014.	Radio/PHY
Chatzipanagiotis, N.	Zavlanos, M.M. and Petropulu, A.	Conference Paper	A Distributed Algorithm for Cooperative Relay Beamforming	Proceedings of the American Control Conference, Washington, DC, June 2013, pp. 3796-3801.	Radio/PHY
Cheng, B.	Rostami, A. and Gruteser, M.	Conference Paper	Experience: Accurate Simulation of Dense Scenarios with Hundreds of Vehicular Transmitters	Proceedings of the ACM 22 nd Annual International Conference on Mobile Computing and Networking (MobiCom), New York, NY, October 2016, pp. 271-279.	Mobile Networks
Cheng, B.	Rostami, A., Gruteser, M., Lu, H., Kenney, J.B. and Bansal, G.	Conference Paper	Evolution of Vehicular Congestion Control Without Degrading Legacy Vehicle Performance	Proceedings of the Workshop of Smart Vehicles at the IEEE International Symposium on a World of Wireless Mobile and Multimedia Networks (WOWMOM 2016), Coimbra, Portugal, June 2016, pp. 1-6.	Mobile Networks
Cheng, B.	Rostami, A., Gruteser, M., Kenney, J.B., Bansal, G. and Sjoberg, K.	Conference Paper	Performance Evaluation of a Mixed Vehicular Network with CAM-DCC and LIMERIC Vehicles	Proceedings of the Smart Vehicles Workshop held in conjunction with the IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WOWMOM 2015), Boston, MA, June 2015, pp. 1-6.	Mobile Networks
Chen, Z.	Yates, R.D. and Raychaudhuri, D.	Conference Paper	EDMAC: An Enhanced Directional Medium Access Control Protocol for 60 GHz Networks	Proceedings of the IEEE 24 th International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2013), London, UK, September 2013, pp. 1726-1730.	Radio Resource Management
Clark, G.	Lindqvist, J.	Journal Paper	Engineering Gesture-Based Authentication Systems	IEEE Journal on Pervasive Computing, Vol. 14, No. 1, pp. 18-25, January-March 2015.	Mobile Computing
Coric, V.	Gruteser, M.	Conference Paper	Crowdsensing Maps of On-Street Parking Spaces	Proceedings of the IEEE International Conference on Distributed Computing in Sensor Systems (DCOSS 2013), Cambridge, MA, May 2013, pp. 115-122.	Mobile Computing
Datta, T.	Jain, S. and Gruteser, M.	Conference Paper	Towards City-Scale Smartphone Sensing of Potentially Unsafe Pedestrian Movements	Proceedings of the 11 th IEEE International Conference on Mobile Ad Hoc and Sensor Systems, Philadelphia, PA, October 2014, pp. 663-667.	Mobile Computing

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DeLuca, A.	Lindqvist, J.	Journal Paper	Is Secure and Usable Smartphone Authentication Asking Too Much?	IEEE Computer, Vol. 48, No. 5, pp. 64-68, May 2015.	Mobile Computing
Dudheria, R.	Trappe, W. and Minsky, N.	Conference Paper	Resilient Leadership Delegation in Tactical Systems	Proceedings of the IEEE Military Communications Conference (MILCOM 2013), San Diego, CA, November 2013, pp. 1906-1912.	Mobile Computing
Dudheria, R.	Trappe, W. and Minsky, N.	Conference Paper	Law Governed Peer-to-Peer Secondary Spectrum Marketplaces	Proceedings of the 8 th International Conference on Cognitive Radio Oriented Wireless Networks (CROWNCOM 2013), Washington DC, July 2013, pp. 141-147.	Mobile Computing
Dudheria, R.	Trappe, W.	Conference Paper	Security Analysis of Certified Wireless Universal Serial Bus Protocol	Proceedings of the 8 th Annual Symposium on Information Assurance (ASIA 2013), New York, NY, June 2013, pp. 26-34.	Mobile Computing
Ferreira, D.	Kostakos, V., Beresford, A., Lindqvist, J. and Dey, A.K.	Conference Paper	Securacy: An Empirical Investigation of Android Applications' Network Usage, Privacy and Security	Proceedings of the 8 th ACM Conference on Security and Privacy in Wireless and Mobile Networks (WiSec 2015), New York, NY, June 2015, pp. 11:1-11:11.	Mobile Computing
Fu, H.	Lindqvist, J.	Conference Paper	General Area or Approximate Location?: How People Understand Location Permissions	Proceedings of the 13 th Workshop on Privacy in the Electronic Society, Scottsdale, AZ, November 2014, pp. 117-120.	Mobile Computing
Fu, H.	Yang, Y., Shingte, N., Lindqvist, J. and Gruteser, M.	Conference Paper	A Field Study of Run-Time Location Access Disclosures on Android Smartphones	Proceedings of the Workshop on Usable Security (USEC 2014) co-located with NDSS, San Diego, CA, February 2014.	Mobile Computing
Gao, X.	Firner, B., Sugrim, S., Kaiser-Pendergrast, V., Yang, Y. and Lindqvist, J.	Conference Paper	Elastic Pathing: Your Speed is Enough to Track You	Proceedings of the 2014 ACM International Joint conference on Pervasive and Ubiquitous Computing (UbiComp 2014), Seattle, WA, September 2014, pp. 975-986.	Mobile Computing
Gao, X.	Yang, Y., Fu, H., Lindqvist, J. and Wang, Y.	Conference Paper	Private Browsing: An Inquiry on Usability and Privacy Protection	Proceedings of the 13 th Workshop on Privacy in the Electronic Society, Scottsdale, AZ, November 2014, pp. 97-106.	Mobile Computing
Garnaev, A.	Liu, Y. and Trappe, W.	Journal Paper	Anti-Jamming Strategy Versus a Low-Power Jamming Attack when Intelligence of Adversary's Attack Type is Unknown	IEEE Transactions on Signal and Information Processing over Networks, Vol. 2, No. 1, pp. 49-56, March 2016.	Radio Resource Management
Garnaev, A.	Sagari, S. and Trappe, W.	Conference Paper	Fair Allocation of Throughput under Harsh Operational Conditions	Proceedings of the 8 th International Workshop on Multiple Access Communications, Helsinki, Finland, September 2015, pp. 108-119.	Mobile Networks
Garnaev, A.	Trappe, W.	Conference Paper	Fair Resource Allocation Under an Unknown Jamming Attack: A Bayesian Game	Proceedings of IEEE Workshop on Information Forensics and Security, Atlanta, GA, December 2014, pp. 227-232.	Radio/PHY
Garnaev, A.	Trappe, W.	Conference Paper	Bandwidth Scanning Involving a Bayesian Approach to Adapting the Belief of an Adversary's Presence	Proceedings of the IEEE Conference on Communications and Network Security, San Francisco, CA, October 2014, pp. 35-43.	Radio/PHY
Garnaev, A.	Trappe, W.	Conference Paper	Anti-Jamming Strategies: A Stochastic Game Approach	Proceedings of the 6 th International Conference on Mobile Networks and Management, Wuerzburg, Germany, September 2014, pp. 230-243.	Radio/PHY

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Garnaev, A.	Trappe, W.	Conference Paper	Secret Communication When the Eavesdropper Might Be An Active Adversary	Proceedings of the 8 th International Workshop on Multiple Access Communications, Helsinki, Finland, September 2014, pp. 121-136.	Radio/PHY
Garnaev, A.	Trappe, W.	Journal Paper	Optimal Scanning Bandwidth Strategy Incorporating Uncertainty about Adversary's Characteristics	ICST Transactions on Mobile Communications 5: e6 2014.	Radio/PHY
Garnaev, A.	Trappe, W.	Conference Paper	To Eavesdrop or Jam, That is the Question	Proceedings of the 5 th International Conference on Ad Hoc Networks, Barcelona, Spain, October 2013, pp. 146-161.	Radio/PHY
Garnaev, A.	Trappe, W.	Conference Paper	Stationary Equilibrium Strategies for Bandwidth	Proceedings of the 6 th International Workshop on Multiple Access Communications, Vilnius, Lithuania, December 2013, pp. 168-183.	Radio/PHY
Garnaev, A.	Trappe, W. and Kung, C-T.	Conference Paper	Optimizing Scanning Strategies: Selecting Scanning Bandwidth in Adversarial RF Environments	Proceedings of the 8 th International Conference on Cognitive Radio Oriented Wireless Networks (CROWNCOM 2013), Washington, DC, July 2013, pp. 148-153.	Radio/PHY
Garnaev, A.	Trappe, W.	Conference Paper	The Eavesdropping and Jamming Dilemma in Multi-Channel Communications	Proceedings of the IEEE International Conference on Communications (ICC 2013), Budapest, Hungary, June 2013, pp. 2160-2164.	Radio/PHY
Ghassemi, M.	Sarwate, A.D.	Conference Paper	Distributed Proportional Stochastic Coordinate Descent with Social Sampling	Proceedings of the 53 rd Annual Allerton Conference on Communication, Control and Computing, Urbana/Champaign, IL, September/October 2015, pp. 17-24.	Mobile Computing
Grandl, R.	Su, K. and Westphal, C.	Conference Paper	On the Interaction of Adaptive Video Streaming with Content-Centric Networking	Proceedings of the 20 th International Packet Video Workshop, San Jose, CA, December 2013, pp. 1-8.	Mobile Networks
Graves, E.	Yu, P. and Spasojevic, P.	Conference Paper	Keyless Authentication in the Presence of a Simultaneously Transmitting Adversary	Proceedings of IEEE Information Theory Workshop, Cambridge, UK, September 2016, pp. 201-205.	Radio/PHY
Gruteser, M.		Conference Paper	Indoor Localization: Ready for Primetime?	Proceedings of the 19 th Annual International Conference on Mobile Computing and Networking, Miami, FL, Sept/Oct 2013, pp. 375-376.	Mobile Computing
Gruteser, M.			Location Privacy in Wireless Networks	Encyclopedia of Cryptography and Security, Hank van Tilborg and Sushil Jagodia, (Eds.), Springer Science and Business Media, July 2013.	Mobile Computing
Gruteser, M.	Hoh, B.	Book Chapter	Privacy Preservation of GPS Traces	Encyclopedia of GIS. Shashi Shekhar, Hui Xiong (Eds.) Springer.	Mobile Computing
Gu, M.	An, N., Liu, J. and Zhang, Y.	Conference Paper	A Model of Passive Human Motion Recognition Using Two-Layer Wireless Links	Proceedings of the 2014 IEEE International Conference on Internet of Things (IThings), Green Computing and Communications (GreenCom 2014), and Cyber, Physical and Social Computing (CPSCom 2014), Taipei, Taiwan, September 2014, pp. 276-279.	Mobile Computing
Guo, B.	Yang, S., Lindqvist, J., Xie, X. and Ganti, R.K.	Journal Paper	Guest Editorial Special Issue on Mobile Crowd Sensing for IoT.	IEEE Internet of Things Journal, Vol. 2, No. 5, pp. 355-357, October 2015.	Mobile Computing

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Hajimirsadeghi, M.	Sridharan, G., Saad, W. and Mandayam, N.B.	Conference Paper	Inter-Network Dynamic Spectrum Allocation via a Colonel Blotto Game	Proceedings of the 2016 Annual Conference on Information Science and Systems (CISS), Princeton, NJ, March 2016, pp. 252-257.	Mobile Networks
Hajimirsadeghi, M.	Mandayam, N. and Reznik, A.	Conference Paper	Joint Caching and Pricing Strategies for Information Centric Networks	Proceedings of the IEEE 2015 Global Communications Conference, San, Diego, CA, December 2015, pp. 1-6.	Mobile Networks
Hu, Y.	Zhang, F., Ramakrishnan, K.K. and Raychaudhuri, D.	Conference Paper	GeoTopo: A PoP-level Topology Generator for Evaluation of Future Internet Architectures	Proceedings of the 23 rd IEEE International Conference on Network Protocol (ICNP 2015), San Francisco, CA, November 2015, pp. 90-99.	Mobile Networks
Huynh, M.	Nguyen P., Gruteser, M. and Vu, T.	Conference Paper	Mobile Device Identification by Leveraging Built-In Capacitive Signature	Proceedings of the 22 nd ACM Conference on Computer and Communications Security (CCS 2015) – Poster Session, Denver, CO, October 2015.	Mobile Computing
Ibrahim, M. and Nguyen, V.	Rupavatharam, S., Jawahar, M., Gruteser, M. and Howard, R.	Conference Paper	Visible Light-Based Activity Sensing using Ceiling Photo Sensors	Proceedings of the 3 rd ACM Workshop on Visible Light Communication Systems (VLCS), New York, NY, October 2016	Mobile Computing
Islam, M.N.	Sampath, A., Maharshi, A., Koymen, O. and Mandayam, N. B.	Invited Paper	Wireless Backhaul Node Placement for Small Cell Networks	Proceedings of the 48 th Annual Conference on Information Science and Systems (CISS 2014), Princeton, NJ, March 2014, pp. 1-6.	Mobile Networks
Islam, M.N.	Kim, B-J.J., Henry, P. and Rozner, E.	Conference Paper	A Wireless Channel Sounding System for Rapid Propagation Measurements	Proceedings of the International Conference on Communications (ICC 2013), Budapest, Hungary, June 2013, pp. 5720-5725.	Radio/PHY
Jain, S.	Borgiattino, C., Ren, Y., Gruteser, M. and Chen, Y. and Chiasserini, C-F.	Video	Look Up! Enabling Pedestrian Safety Services via Shoe Sensing	Presented at the 13 th International Conference on Mobile Systems, Applications and Services (MobiSys 2015), Florence, Italy, May 2015, pp. 257-271.	Mobile Computing
Jain, S.		Conference Paper	Gradient Profiling for Pedestrian Services	Proceedings of the PhD Forum held in conjunction with the 13 th International Conference on Mobile Systems, Applications and Services, Florence, Italy, May 2015.	Mobile Computing
Jain, S.	Borgiattino, C., Ren, Y., Gruteser, M. and Chen, Y.	Conference Paper	On the Limits of Positioning-based Pedestrian Risk Awareness	Proceedings of the 12 th International Conference on Mobile Systems, Applications and Services, Bretton Woods, NH, June 2014, pp. 23-28.	Mobile Computing
Jain, S.	Lindqvist, J.	Conference Paper	Should I protect you? Understanding Developers' Behavior to Privacy-Preserving APIs	Proceedings of USEC 2014 – NDSS Workshop on Usable Security, San Diego, CA, February 2014.	Mobile Computing
Jia, Z.	Alaziz, M., Chi, X., Howard, R.E., Zhang, Y., Zhang, P., Trappe, W., Sivasubramaniam, A. and An, N.	Conference Paper	HB-Phone: A Bed-Mounted Geophone-Based Heartbeat Monitoring System	Proceedings of the 15 th ACM/IEEE International Conference on Information Processing in Sensor Networks (IPSN), Kobe Japan, October 2016.	Mobile Computing
Jiang, Y.	McCartney, M., Qiu, H., Govindan, R., Gruteser, M., Sukhatme, G., Bai, F. and Grimm, D.	Conference Paper	CARLOC: Precisely Tracking Automobile Position	Proceedings of the 13 th ACM Conference on Embedded Networked Sensor Systems (SenSys 2015), Seoul, South Korea, November 2015, pp. 253-265.	Mobile Computing

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Kalogerias, D.	Petropulu, A.	Conference Paper	Distributed Nonlinear Filtering of Partially Observed Markov Chains over WSNs: Truncating the ADMM	Proceedings of Asilomar Conference on Signals, Systems and Computers, Pacific Grove, CA, November 2015, pp. 299-303.	Radio/PHY
Kalogerias, D.	Petropulu, A.	Conference Paper	On Pathwise Convergence of Particle and Grid Based Nonlinear Filters: Feller vs Conditional Regularity	Proceedings of the 53 rd Annual Allerton Conference on Communication, Control and Computing, Allerton, IL, September/October 2015, pp. 1219-1226.	Radio/PHY
Kalogerias, D.	Petropulu, A.	Journal Paper	Asymptotically Optimal Discrete Time Nonlinear Filters from Stochastically Convergent State Process Approximations	IEEE Transactions on Signal Processing, Vol. 63, No. 13, pp. 3522-3536, July 2015.	Radio/PHY
Kalogerias, D.	Petropulu, A.	Conference Paper	Nonlinear Spatiotemporal Channel Gain Map Tracking in Mobile Cooperative Networks	Proceedings of the IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), Stockholm, Sweden, June/July 2015, pp. 660-664.	Radio/PHY
Kalogerias, D.S.	Petropulu, A. P.	Invited Paper	Mobi-Cliques for Improving Ergodic Secrecy in Fading Wiretap Channels under Power Constraints	Proceedings of the 39 th IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2014), Florence, Italy, May 2014, pp. 1578-1591.	Radio/PHY
Kalogerias, D.S.	Petropulu, A. P.	Conference Paper	RIP Bounds for Naively Subsampled Scrambled Fourier Sensing Matrices	Proceedings of the 48 th Annual Conference on Information Sciences & Systems (CISS), Princeton, NJ, March 2014, pp. 1-6.	Radio/PHY
Kalogerias, D.S.	Petropulu, A. P.	Journal Paper	Matrix Completion in Colocated MIMO Radar: Recoverability, Bounds and Theoretical Guarantees	IEEE Transactions on Signal Processing, Vol. 62, No. 2, pp. 309-321, January 2014.	Radio/PHY
Kalogerias, D.S.	Sun, S. and Petropulu, A. P.	Conference Paper	Sparse Sensing in Colocated MIMO Radar: A Matrix Completion Approach	Proceedings of the 13 th International Symposium on Signal Processing and Information Technology (ISSPIT 2013), Athens, Greece, December 2013, pp. 496-502.	Radio/PHY
Kalogerias, D.S.	Petropulu, A. P.	Conference Paper	MC-MIMO Radar: Recoverability and Performance Bounds	Proceedings of the 1 st Global Conference on Signal and Information Processing (GlobalSIP 2014), Austin, TX, December 2013, pp. 153-156.	Radio/PHY
Kalogerias, D.S.	Petropulu, A. P.	Conference Paper	On the Coherence Properties of Random Euclidean Distance Matrices	Proceedings of the 14 th IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC 2013), Darmstadt, Germany, June 2013, pp. 754-758.	Radio/PHY
Kalogerias, D.S.	Chatzipanagiotis, N., Zavlanos, M.M. and Petropulu, A.P.	Conference Paper	Mobile Jammers for Secrecy Rate Maximization in Cooperative Networks	Proceedings of the 38 th International Conference on Acoustics, Speech and Signal Processing (ICASSP), Vancouver, Canada, May 2013, pp. 2901-2905.	Radio/PHY
Kalogerias, D.S.	Petropulu, A.P.	Conference Paper	On the Coherence Properties of Random Euclidean Distance Matrices	Proceedings of the 1 st IEEE/ACM Workshop on Signal Processing Advances in Sensor Networks (SPAdS-Nets 2013), Philadelphia, PA, April 2013.	Radio/PHY

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Kar, G.	Mustafa, H., Wang, Y., Chen, Y., Xu, W., Gruteser, M. and Vu, T.	Conference Paper	Detection of On-Road Vehicles Emanating GPS Interference	Proceedings of the 2014 ACM SIGSAC Conference on Computer and Communications Security, Scottsdale, AZ, November 2014, pp. 621-632.	Mobile Computing
Karatas, C.	Li, H. and Liu, L.	Conference Paper	Toward Detection of Unsafe Driving with Inertial Head-mounted Sensors	Proceedings of 8 th Wireless of the Students, by the Students and for the Students Workshop held in conjunction with MobiCom 2016, New York, NY, October 2016.	Mobile Computing
Karatas, C.	Liu, L., Li, H., Liu, J., Wang, Y., Tan, S., Yang, J., Chen, Y. Gruteser, M. and Martin, R.	Conference Paper	Leveraging Wearables for Steering and Driver Tracking	Proceedings of International Conference on Computer Communications (INFOCOM), San Francisco, CA, April 2016, pp.1-9.	Mobile Computing
Karatas, C.	Gruteser, M.	Conference Paper	Printing Multi-Key Touch Interfaces	Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2015), Osaka, Japan, September 2015, pp. 169-179.	Mobile Computing
Karimi, P.	Seskar, I. and Raychaudhuri, D.	Conference Paper	Achieving High Performance Cellular Data Services with Multi-Network Access	To appear in the Proceedings of the IEEE Global Communications Conference (GLOBECOM 2016), Washington, DC, December 2016.	Mobile Networks
Kokalj-Filipovic, S.	Greenstein, L., Cheng, B. and Gruteser, M.	Conference Paper	Methods for Extracting V2V Propagation Models from Imperfect RSSI Field Data	Proceedings of the IEEE 82 nd Vehicular Technology Conference (VTC-Fall 2015), Boston, MA, September 2015.	Radio/PHY
Kokalj-Filipovic, S.	Soljanin, E. and Spasojevic, P.	Journal Paper	Low Complexity Doped Wireless Broadcast for Multimedia Applications	IEEE Transactions on Communications, Vol. 61, No. 8, pp. 3462-3471, August 2013.	Radio/PHY
Krishnan, N.	Yates, R.D. and Mandayam, N.	Journal Paper	Uplink Linear Receivers for Multi-Cell Multiuser MIMO with Pilot Contamination: Large system Analysis	IEEE Transactions on Wireless Communications, Vol. 13, No. 8, pp. 4360-4373, August 2014.	Radio Resource Management
Kumbhkar, R.	Sridharan, G., Mandayam, N., Seskar, I. and Kompella, S.	Conference Paper	Design and Implementation of an Underlay Control Channel for NC-OFDM-Based Networks	Proceedings of the Conference on Information Sciences and Systems (CISS 2016), Princeton, NJ, March 2016.	Radio/PHY
Kumbhkar, R.	Kuber, T., Sridharan, G., Mandayam, N. and Seskar, I.	Conference Paper	Opportunistic Spectrum Allocation for Max-Min Rate in NC-OFDMA	Proceedings of the IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN 2015), Stockholm, Sweden, September 2015, pp. 385-391.	Radio Resource Management
Kumbhkar, R.	Islam, M.N., Mandayam, N.B. and Seskar, I.	Conference Paper	Rate Optimal Design of a Wireless Backhaul Network using TV White Space	Proceedings of the 7 th International Conference on Communication Systems and Networks (COMSNETS 2015), Bangalore, India, January 2015, pp. 1-7.	Radio Resource Management
Kumatani, N.	Isomura, M., Murase, T., Oguchi, M., Baid, A., Sagari, S., Seskar, I. and Raychaudhuri, D.	Journal Paper	Throughput Characteristics in Densely Deployed Wireless LANs with Various Channel Assignments and Differing Numbers of Terminals	ITE Transactions on Media Technology and Applications, Vol. 2, No. 4, pp. 336-344, 2014.	Mobile Networks
Lara, A.	Mukherjee, S., Ramamurthy, B., Raychaudhuri, D. and Ramakrishnan, K.K.	Conference Paper	Inter-Domain Routing with Cut-Through Switching for the MobilityFirst Future Internet Architecture	Proceedings of the IEEE International Communications Conference (ICC 2016), Kuala Lumpur, Malaysia, May 2016.	Mobile Networks

Author	Co-Authors	Paper/Talk	Title	Where/When	Category
Lara, A.	Ramamurthy, B., Nagaraja, K., Krishnamoorthy, A. and Raychaudhuri, D.	Journal Paper	Using OpenFlow to Provide Cut-Through Switching in MobilityFirst	Photonic Network Communications, Vol. 28, No. 2, pp. 165-177, August 2014.	Mobile Network
Lara, A.	Ramamurthy, B., Nagaraja, K., Krishnamoorthy, A. and Raychaudhuri, D.	Conference Paper	Cut-Through Switching Options in a MobilityFirst Network with Openflow	Proceedings of the IEEE International Conference on Advanced Networks and Telecommunications Systems, Chennai, India, December 2013, pp. 1-6.	Mobile Networks
Li, B.	Petropulu, A.	Conference Paper	Radar Precoding for Spectrum Sharing Between Matrix Completion Based MIMO Radars and a MIMO Communication System	Proceedings of the 3 rd IEEE Global Conference on Signal & Information Processing, Orlando, FL, December 2015, pp.737-741.	Radio/PHY
Li, B.	Petropulu, A.	Journal Paper	Distributed MIMO Radar Based on Sparse Sensing: Analysis and Efficient Implementation	IEEE Transactions on Aerospace and Electronic Systems, Vol. 51, No. 4, pp. 3055-3070, January 2015.	Radio/PHY
Li, B.	Petropulu, A.	Conference Paper	Spectrum Sharing between Matrix Completion Based MIMO Radars and a MIMO Communication System	Proceedings of the IEEE 40 th International Conference on Acoustics, Speech and Signal Processing (ICASSP), Brisbane, Australia, April 2015, pp. 2444-2448.	Radio/PHY
Li, B.	Petropulu, A.	Invited Paper	RIP Analysis of the Measurement Matrix for Compressive Sensing-Based MIMO Radars	Proceedings of the 8 th IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM 2014), A Coruna, Spain, June 2014, pp. 497-500.	Radio/PHY
Li, B.	Petropulu, A. P.	Conference Paper	Performance Guarantees for Distributed MIMO Radar Based on Sparse Sensing	Proceedings of the IEEE Radar Conference, Cincinnati, OH, May 2014, pp. 1369-1372.	Radio/PHY
Li, B.	Petropulu, A. P.	Conference Paper	Efficient Target Estimation in Distributed MIMO Radar via the ADMM	Proceedings of the 48 th Annual Conference on Information Sciences and Systems (CISS 2014), Princeton, NJ, March 2014, pp. 1-5.	Radio/PHY
Li, B.	Petropulu, A. P.	Conference Paper	Structured Sampling of Structured Signals	Proceedings of the 1 st Global Conference on Signal and Information Processing (GlobalSIP), Austin, TX, December 2013, pp. 1009-1012.	Radio/PHY
Li, H.	Liu, L., Karatas, C., Liu, J., Gruteser, M., Chen, Y., Wang, Y., Martin, R.P. and Yang, J.	Conference Paper	Towards Safer Texting While Driving through Stop Time Prediction	Proceedings of the 1 st ACM International Workshop on Connected and Automated Vehicle Mobility (CarSys) held in connection with ACM MobiCom, New York, NY, October 2016.	Mobile Computing
Li, Jun	Zhang, Y., Chen, Y-F., Nagaraja, K., Li, S., Raychaudhuri, D.	Conference Paper	A Mobile Phone Based WSN Infrastructure for IoT over Future Internet Architecture	Proceedings of 2013 IEEE International Conference on Green Computing and Communications (GreenCom) and IEEE Internet of Things (iThings) and IEEE Cyber, Physical and Social Computing (CPSCom), Beijing, China, August 2013, pp. 426-433.	Mobile Computing
Li, J.	Petropulu, A.	Book Chapter	Multiple Antennas for Physical Layer Secrecy	Festschrift by Pan Stanford Publishing, honoring Prof. A. Constantinides in 2015.	Radio/PHY
Li, J.	Petropulu, A.P.	Conference Paper	A Low Complexity Algorithm for Collaborative-Relay Beamforming	Proceedings of the 38 th International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Vancouver, Canada, May 2013, pp. 5002-5005.	Radio/PHY

Author	Co-Authors	Paper/Talk	Title	Where/When	Category
Li, S.	Fan, X., Zhang, Y., Trappe, W., Lindqvist, J. and Howard, R.	Conference Paper	Bo-ear: Unsupervised Car Sound Sensing and Tracking Using Microphones on Smartphones	Proceedings of the 8 th Wireless of the Students, by the Students and for the Students Workshop, held in conjunction with ACM MobiCom, New York, NY, October 2016, pp. 9-11.	Mobile Computing
Li, S.	Chen, J., Yu, H., Zhang, Y., Raychaudhuri, D., Ravindran, R., Gao, H., Dong, L., Wang, G. and Liu, H.	Conference Paper	MF-IoT: A MobilityFirst-Based Internet of Things Architecture with Global Reachability and Communication Diversity	Proceedings of the 1 st IEEE International Conference on Internet-of-Things Design and Implementation (IoTDI), Pittsburgh, PA, April 2016, pp. 129-140.	Mobile Networks
Li, S.	Ashok, A., Xu, C., Zhang, Y., Lindqvist, J. and Gruteser, M.	Conference Paper	Whose Move is it Anyway? Authenticating Smart Wearable Devices Using Unique Head Movement Patterns	Proceedings of the IEEE Conference on Pervasive Computing and Communications (PerCom), Sydney, Australia, March 2016, pp. 1-9.	Mobile Computing
Li, S.	Zhang, Y., Raychaudhuri, D., Ravindrany, R. and Zheng, Q., Dong, L. and Wang, G.	Conference Paper	IoT Middleware Architecture over Information-centric Networks	Proceedings of the 2015 IEEE Global Communications Conference (GLOBECOM 2015), San Diego, CA, December 2015, pp. 1-7.	Mobile Networks
Li, S.	Zhang, Y., Raychaudhuri, D. and Ravindrany, R.	Conference Paper	A Comparative Study of MobilityFirst and NDN based ICN-IoT Architectures	Proceedings of the 10 th International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness (QShine 2014), Rhodes Greece, August 2014, pp. 158-163.	Mobile Computing
Li, T.	Mandayam, N.B.	Journal Paper	When Users Interfere with Protocols: Prospect Theory in Wireless Networks Using Random Access and Data Pricing as an Example	IEEE Transactions on Wireless Communications, Vol. 13, No. 4, pp. 1888-1907, April 2014.	Mobile Networks
Li, T.	Mandayam, N.B. and Reznik, A.	Journal Paper	A Framework for Distributed Resource Allocation and Admission Control in a Cognitive Digital Home	IEEE Transactions on Wireless Communication, Vol. 12, No. 3, pp. 984-995, March 2013.	Radio Resource Management
Li, Y.	Soljanin, E. and Spasojevic, P.	Journal Paper	Three Schemes for Wireless Coded Broadcast to Heterogeneous Users	Elsevier Physical Communications: Special Issue on Network Coding, Vol. 6, pp. 114-123, March 2013.	Radio/PHY
Liu, J.	Ruohomaa, S., Athukorala, K., Jacucci, G., Asokan, N. and Lindqvist, J.	Conference Paper	Groupsourcing: Nudging Users Away from Unsafe Content	Proceedings of the 8 th Nordic Conference on Human-Computer Interaction: Fun, Fast Foundational, Helsinki, Finland, October 2014, pp. 883-886.	Mobile Computing
Liu, Jian	Wang, Y., Kar, G., Chen, Y., Yang, J. and Gruteser, M.	Conference Paper	Snooping Keystrokes with mm-Level Audio Ranging on a Single Phone	Proceedings of the 21 st Annual International Conference on Mobile Computing and Networking (MobiCom 2015), Paris, France, September 2015, pp. 142-154.	Mobile Computing
Liu, L.	Karatas, C., Li, H., Tan, S., Gruteser, M., Yang, J., Chen, Y. and Martin, R.	Conference Paper	Toward Detection of Unsafe Driving with Wearables	Proceedings of the 2015 Workshop on Wearable Systems and Applications, Florence, Italy, May 2015.	Mobile Computing
Liu, Xirou	Trappe, W. and Lindqvist, L.	Conference Paper	A Policy-Driven Approach to Access Control in Future Internet Name Resolution Services	Proceedings of the 9 th ACM Workshop on Mobility in the Evolving Internet Architecture (MobiArch), Maui, HI, September 2014, pp. 7-12.	Mobile Networks

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Liu, Xirou	Trappe, W. and Zhang, Y.	Conference Paper	Secure Name Resolution for Identifier-to-Locator Mappings in the Global Internet	Proceedings of the 22 nd International Conference on Computer Communications and Networks (ICCCN), Nassau, Bahamas, July 2013, pp. 1-7.	Mobile Networks
Liu, X.	Petropulu, A., Poor, H.V. and Koivunen	Journal Paper	Blind Separation of Multiple Users Based on Carrier Frequency Offset and Delay Diversity	EURASIP Journal on Wireless Communications and Networking, Vol. 2010, Article ID 939340, 12 Pages.	Radio/PHY
Liu, Ying	Garnaev, A. and Trappe, W.	Conference Paper	Maintaining Throughput Network Connectivity in Ad Hoc Networks	Proceedings of 2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Shanghai, March 2016, pp. 6380-6384.	Mobile Networks
Liu, Ying	Trappe, W.	Journal Paper	Topology Adaptation for Robust Ad Hoc Cyberphysical Networks under Puncture-Style Attacks	Tsinghua Science and Technology Special Issue on Cyber-Physical Systems, Vol. 20, No. 4, pp. 364-375, 2015.	Mobile Networks
Liu, Ying	Trappe, W.	Conference Paper	Jammer Forensics: Localization in Peer to Peer Networks Based on Q-Learning	Proceedings of the 40 th IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2015), Brisbane, Australia, April 2015, pp. 1737-1741.	Mobile Networks
Liu, Ying	Liu, X., Trappe, W. and Roy R.	Conference Paper	Distance-Aware Overlay Routing with AODV in Large Scale Ad Hoc Networks	Proceedings of the IEEE 80 th Vehicular Technology Conference, Vancouver, Canada, September 2014, pp. 1-5.	Mobile Networks
Liu, Y.	Petropulu, A.	Journal Paper	QoS Guarantees in AF Relay Networks with Multiple Source-Destination Pairs in the Presence of Imperfect CSI	IEEE Transactions on Wireless Communications, Vol. 12, No. 9, pp. 4225-4235, September 2013.	Radio/PHY
Liu, Y.	Petropulu, A.	Journal Paper	Destination Assisted Cooperative Jamming for Wireless Physical Layer Security	IEEE Transactions on Information Forensics and Security, Vol. 8, No. 4, pp. 682-694, April 2013.	Radio/PHY
Lu, S.	Lindqvist, J. and Wright, R.	Conference Paper	Uncovering Facebook Side Channels and User Attitudes	Proceedings of the Web 2.0 Security and Privacy Workshop 2014, San Jose, CA, May 2014.	Mobile Computing
Luo, S.	Li, J. and Petropulu, A.	Journal Paper	Uncoordinated Cooperative Jamming for Secrecy Communications	IEEE Transactions on Information Forensics and Security, Vol. 8, No. 7, pp. 1081-1090, July 2013.	Radio/PHY
Mahdavi-Doost, H.	Yates, R.	Conference Paper	Opportunistic Reception in a Multiuser Slow Fading Channel with an Energy Harvesting Receiver	Proceedings of the IEEE International Conference on Communications (ICC 2015), London, UK, June 2015, pp. 104-109.	RRM
Mahdavi-Doost, H.	Yates, R.	Conference Paper	Hybrid ARQ in Block-Fading Channels with an Energy Harvesting Receiver	Proceedings of the IEEE Symposium on Information Theory (ISIT 2015), Hong Kong, June 2015, pp. 1144-1148.	RRM
Mahdavi-Doost, H.	Yates, R.	Conference Paper	Fading channels in Energy-Harvesting Receivers	Proceedings of the 48 th Annual Conference on Information Sciences and Systems (CISS 2014), Princeton, NJ, March 2014, pp. 1-6.	Radio/PHY
Mahdavi-Doost, H.	Yates, R.	Conference Paper	Energy Harvesting Receivers: Finite Battery Capacity	Proceedings of the International Symposium on Information Theory (ISIT 2013), Istanbul, Turkey, July 2013, pp. 1799-1803.	Radio/PHY

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Mahdavi-Doost H.		Conference Paper	Energy Harvesting Receivers	Proceedings of the Information Theory Workshop 2013, San Diego, CA, February 2013.	Radio/PHY
Mandayam, N.		IEEE Distinguished Lecture	Network Coding as a Dynamical System	Syracuse University, New York, NY, April 2013.	Mobile Networks
Mhaske, S.	Spasojevic, P., Aziz, A. and Gul, M.	Conference Paper	Link Quality Analysis in the Presence of Blockages for Analog Beamformed Mm-wave Channel	Proceedings of the 2016 IEEE Military Communications Conference (MILCOM), Baltimore, MD, November 2016.	Radio/PHY
Mhaske, S.	Kee, H., Ly, T. and Spasojevic, P.	Conference Paper	FPGA-Accelerated Simulation of a Hybrid-ARQ System using High Level Synthesis	Proceedings of the 37 th IEEE Sarnoff Symposium, Newark, NJ, September 2016.	Radio/PHY
Mhaske, S.	Kee, H., Ly, T., Aziz, A. and Spasojevic, P.	Conference Paper	FPGA-Based QC-LDPC Decoder Architecture	Proceedings of the 82 nd IEEE Vehicular Technology Conference (VTC Fall), Boston, MA, 2015.	Radio/PHY
Mhaske, S.	Uliana, D., Kee, H., Ly, T., Aziz, A. and Spasojevic, P.	Conference Paper	A 2.48 Gb/s FPGA-Based QC-LDPC Decoder: An Algorithmic Compiler Implementation	Proceedings of the Sarnoff Symposium, Newark, NJ, September 2015.	Radio/PHY
Moore, R.S.	Firner, B., Xu, C., Howard, R., Zhang, Y., Martin, R.	Conference Paper	Building a Practical Sensing System	Proceedings of 2013 IEEE International Conference on Green Computing and Communications (GreenCom) and IEEE Internet of Things (IThings) and IEEE Cyber, Physical and Social Computing (CPSCom), Beijing, China, August 2013, pp. 693-698.	Mobile Computing
Moore, R.S.	Firner, B., Xu, C., Howard, R., Martin, R. and Zhang, Y.	Conference Paper	It's Tea Time: Do you Know Where Your Mug Is?	Proceedings of the 5 th ACM HotPlanet Workshop co-located with ACM SIGCOMM 2013, Hong Kong, China, August 2013.	Mobile Computing
Moriuchi, A.	Murase, T., Oguchi, M., Baid, A., Sagari, S., Seskar, I. and Raychaudhuri, D.	Conference Paper	Measurement Study of Adjacent Channel Interference in Mobile WLANs	Proceedings of the Workshop on Green Broadband Access, held in conjunction with ICC 2013, June 2013, pp. 566-570.	Radio/PHY
Mueller-Smith, C.	Spasojevic, P.	Conference Paper	Column-Wise Symmetric Block Partitioned Tensor Decomposition	Proceedings of the 41 st International Conference on Acoustics, Speech and Signal Processing (ICASSP), Shanghai, China, March 2016, pp. 2956-2960.	Radio/PHY
Mueller-Smith, C.	Spasojevic, P.	Conference Paper	Iterative Thresholding for Blind Block Partitioned Tensor Decomposition	Proceedings of the Asilomar Conference on Signals, Systems and Computers, Pacific Grove, CA, November 2015, pp. 1650-1654.	Radio/PHY
Mueller-Smith, C.	Spasojevic, P.	Conference Paper	Blind Block Partitioned Tensor Decomposition for Radio Activity Estimation by a Single Sensor	Proceedings of the 49 th Annual Conference on Information Sciences and Systems (CISS), Baltimore, MD, March 2015, pp. 1-6.	Radio/PHY
Mueller-Smith, C.	Spasojevic, P.	Conference Paper	Single Sensor Blind Time-Frequency Activity Estimation of a Mixture of Radio Signals via CP Tensor Decomposition	Proceedings of the IEEE Military Communications Conference (MILCOM 2014), Baltimore, MD, October 2014, pp. 617-622.	Radio/PHY
Mueller-Smith, C.	Trappe, W.	Conference Paper	Efficient OFDM Denial in the Absence of Channel Information	Proceedings of the IEEE Military Communications Conference (MILCOM 2013), San Diego, CA, November 2013, pp. 89-94.	Radio/PHY

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Mukherjee, S.	Bronzino, F., Srinivasan, S., Chen, J. and Raychaudhuri, D.	Conference Paper	Achieving Scalable Push Multicast Services Using Global Name Resolution	To appear in the Proceedings of the IEEE Global Telecommunications Conference (GLOBECOM 2016), Washington, DC, December 2016.	Mobile Networks
Mukherjee, S.	Baid, A., and Raychaudhuri, D.	Conference Paper	Integrating Advanced Mobility Services into the Future Internet Architecture	Proceedings of the 7 th International Conference on Communication Systems and Networks (IEEE COMSNETS 2015), Bangalore, India, January 2015, pp. 1-8.	Mobile Networks
Mukherjee, S.	Baid, A., Seskar, I. and Raychaudhuri, D.	Conference Paper	Network-Assisted Multihoming for Emerging Heterogeneous Wireless Access Scenarios	Proceeding of the 25 th IEEE Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC 2014), Washington, DC, September 2014, pp. 1520-1524.	Mobile Networks
Mukherjee, S.	Su, K., Mandayam, N.B., Ramakrishnan, K.K., Raychaudhuri, D. and Seskar, I.	Conference Paper	Evaluating Opportunistic Delivery of Large Content with TCP over WiFi in I2V Communication	Proceedings of the 20 th IEEE International Workshop on Local and Metropolitan Area Networks (LANMAN), Reno, NV, May 2014, pp. 1-6.	Mobile Networks
Nakauchi, K.	Bronzino, F., Shoji, Y., Seskar, I. and Raychaudhuri, D.	Conference Paper	vMCN: Virtual Mobile Cloud Network for Realizing Scalable, Real-time Cyber Physical Systems	Proceedings of the Workshop on Distributed Cloud Computing (DCC), Chicago, IL, July 2016.	Mobile Networks
Nguyen, V.	Tang, Y., Ashok, A., Gruteser, M., Dana, K., Hu, W., Wengrowski, E. and Mandayam, N.	Conference Paper	High-Rate Flicker-Free Screen-Camera Communication with Spatially Adaptive Embedding	Proceedings of the IEEE Conference on Computer Communications (INFOCOM), San Francisco, CA, April 2016, pp. 1-9.	Mobile Computing
Nguyen, V.	Gruteser, M.	Journal Paper	First Experiences with GOOGLE GLASS in Mobile Research	Mobile Computing and Communications Review, Vol. 18, No. 4, pp. 44-47, 2014.	Mobile Computing
Panchal, J.	Yates, R.D. and Buddhikot, M.	Journal Paper	Mobile Network Resource Sharing Options: performance Comparisons	IEEE Transactions on Wireless Communications, Vol. 12, No. 9 pp. 4470-4482, September 2013.	Mobile Networks
Raychaudhuri, D.	Baid, A.	Journal Paper	NASCOR: Network Assisted Spectrum Coordination Service for Coexistence between Heterogeneous Radio Systems	IEICE Transactions on Communications, Vol. E97-B, No. 2, pp. 251-260, February 2014.	Mobile Networks
Ren, K.	Samarati, P., Gruteser, M., Ning, P. and Liu, Y.	Guest Editorial	Special Issue on Security for IoT: The State of the Art	IEEE Internet of Things Journal, Vol. 1, No. 5, October 2014, pp. 369-371.	Mobile Computing
Rose, C.	Mian, I.S.	Conference Paper	Signaling with Identical Tokens: Lower Bounds with Energy Constraints	Proceedings of the IEEE International Symposium on Information Theory, Honolulu, HI, June 2014, pp. 1839-1843.	Radio/PHY
Rostami, A.	Cheng, B., Lu, H., Kenney, J.B. and Gruteser, M.	Conference Paper	Performance and Channel Load Evaluation for Contextual Pedestrian-to-Vehicle Transmissions	Proceedings of the Workshop of CarSys at MobiCom, New York, NY, October 2016, pp. 22-29.	Mobile Computing
Rostami, A.	Cheng, B., Bansal, G., Sjoberg, K., Gruteser, M. and Kenney, J.B.	Journal Paper	Stability Challenges and Enhancements for Vehicular Channel Congestion Control Approaches	IEEE Transactions on Intelligent Transportation Systems, Vol. 17, No. 10, pp. 2935-2948, January 2016.	Mobile Networks
Sagari, S.	Baysting, S., Saha, D., Seskar, I., Trappe and Raychaudhuri, D.	Conference Paper	Coordinated Dynamic Spectrum Management of LTE-U and Wi-Fi Networks	Proceedings of the IEEE 2015 Conference on Dynamic Spectrum Access Networks (DySPAN 2015), Stockholm, Sweden, September/October 2015, pp. 209-220.	Mobile Networks

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Sagari, S.	Seskar, I. and Raychaudhuri, D.	Conference Paper	Modeling the Coexistence of LTE and WiFi Heterogeneous Networks in Dense Deployment Scenarios	Proceedings of the ICC Workshop on LTE in Unlicensed Bands: Potentials and Challenges, London, UK, June 2015, pp. 2301-2306.	Mobile Networks
Sagari, S.		Extended Abstract/Poster	An Interpolation Scheme for Constructing Radio Frequency Maps from Spatial Samples	Proceedings of the 4 th Networking Women Workshop (N2Women) held in conjunction with ACM SIGCOMM, Chicago, IL, August 2014.	Mobile Networks
Sagari, S.		Conference Paper (PhD Forum)	Coexistence of LTE and WiFi Heterogeneous Networks via Inter Network Coordination	Proceedings of the ACM International Conference on Mobile Systems, Applications and Services (MobiSys 2014), Bretton Woods, NH, June 2014, pp. 1-2.	Mobile Networks
Sagari, S.	Greenstein, L. and Trappe, W.	Conference Paper	Emulating Co-Channel Interference in Wireless Networks Using Equivalent Low-Tap Filters	Proceedings of the 48 th Annual conference on Information Sciences and Systems (CISS), Princeton, NJ, March 2014, pp. 1-6.	Radio/PHY
Sagari, S.	Baid, A., Seskar, I., Murase, T., Oguchi, M. and Raychaudhuri, D.	Conference Paper	Performance Evaluation of Mobile Hotspots in Densely Deployed WLAN Environments	Proceedings of the IEEE 24 th International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), London, UK, September 2013, pp. 2935-2939.	Mobile Networks
Sagari, S.	Trappe, W. and Greenstein, L.	Conference Paper	Equivalent Tapped Delay Line Channel Responses with Reduced Taps	Proceedings of the IEEE Vehicular Technology Conference, Las Vegas, NV, September 2013, pp. 1-5.	Radio/PHY
Sankar, L.	Trappe, W., Poor, H. and Debbah, M.	Journal Paper	Signal Processing for Cybersecurity and Privacy (from the guest editors)	IEEE Signal Processing Magazine, Vol. 30, No. 5, pp. 14-15, September 2013.	Mobile Computing
Sankar, L.	Trappe, W., Ramachandran, K., Poor, H., Debbah, M.	Journal Paper	The Role of Signal Processing in Meeting Privacy Challenges: An Overview	IEEE Signal Processing Magazine, Vol. 30, No. 5, pp. 95-106, September 2013.	Mobile Computing
Sherman, M.	Clark, G., Yang, Y., Sugrim, S., Modig, A., Lindqvist, J., Oulasvirta, A. and Roos, T.	Conference Paper	User-Generated Free-Form Gestures for Authentication: Security and Memorability	Proceedings of the 12 th International Conference on Mobile Systems, Applications and Services, Bretton Woods, NH, June 2014, pp. 176-189.	Mobile Computing
Shi, S.	Chen, L., Hu, W. and Gruteser, M.	Conference Paper	Reading Between Lines: High-rate Non-intrusive Visual Codes within Regular Videos via Implicit Code	Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2015), Osaka, Japan, September 2015, pp.157-168.	Mobile Computing
Song, S.	Chaudhuri, K. and Sarwate, A.D.	Conference Paper	Learning from Data with Heterogeneous Noise using SGD	Proceedings of the 18 th International Conference on Artificial Intelligence and Statistics, San Diego, CA, May 2015	Mobile Computing
Sridharan, G.	Kumbhkar, R., Mandayam, N.B., Seskar, I. and Kompella, S.	Conference Paper	Physical-layer Security of NC-OFDM-based Systems	Proceedings of IEEE Military Communications Conference (MILCOM), Baltimore, MD, November 2016	Radio/PHY
Srinivasan, V.	Moghaddam, S., Mukherji, A., Rachuri, K.K., Xu, C. and Tapia, E.M.	Poster Session	On-Device Mining Mobile Users' Co-Occurrence Patterns	Presented at the 15 th ACM International Workshop on Mobile Computing Systems and Applications (ACM HotMobile), Santa Barbara, CA, February 2014.	Mobile Computing
Su, K.	Bronzino, F., Ramakrishnan, K. and Raychaudhuri, D.	Conference Paper	MFTP: A Clean-Slate Transport Protocol for the Information Centric MobilityFirst Network	Proceedings of the 2 nd ACM Conference on Information-Centric Networking (ICN 2015), San Francisco, CA, September/October 2015, pp. 127-136.	Mobile Networks

Author	Co-Authors	Paper/Talk	Title	Where/When	Category
Su, K.	Westphal, C.	Conference Paper	On the Benefit of Information Centric Networks for Traffic Engineering	Proceedings of the IEEE International Conference on Communications (ICC 2014), Sydney, Australia, June 2014, pp. 3178-3184	Mobile Networks
Sugrim, S.	Baykal-Gursoy, M. and Spasojevic, P.	Conference Paper	Background Spectrum Classification for Cognitive Radio	Proceedings of the IEEE Military Communications Conference (MILCOM 2014), Baltimore, MD, October 2014, pp. 737-742.	Radio/PHY
Sun, S.	Petropulu, A.	Conference Paper	On Waveform Conditions and Range Compression in MIMO Radars using Matrix Completion	Proceedings of the Asilomar Conference on Signals, Systems and Computers, Pacific Grove, CA, November 2015, pp.75-79.	Radio/PHY
Sun, S.	Petropulu, A.	Journal Paper	Waveform Design for MIMO Radars with Matrix Completion	IEEE Journal on Selected Topics in Signal Processing, Vol. 9, No. 8, pp.1400-1414, February 2015.	Radio/PHY
Sun, S.	Bajwa, W. and Petropulu, A.	Journal Paper	MIMO-MC Radar: A MIMO Radar Approach Based on Matrix Completion	IEEE Transactions on Aerospace and Electronic Systems, Vol. 51, No. 3, pp. 1839-1852, July 2015.	Radio/PHY
Sun, S.	Petropulu, A.	Conference Paper	On Transmit Beamforming in MIMO Radar with Matrix Completion	Proceedings of the IEEE 40 th International Conference on Acoustics, Speech and Signal Processing (ICASSP), Brisbane, Australia, April 2015, pp. 2774-2778.	Radio/PHY
Sun, S.	Petropulu, A.	Conference Paper	On Waveform Design for MIMO Radar with Matrix Completion	Proceedings of the IEEE 2 nd Global Conference on Signal and Information Processing (GlobalSIP), Information Processing for Big Data Symposium, Atlanta, GA, December 2014, pp. 473-477.	Radio/PHY
Sun, S.	Petropulu, A.	Conference Paper	On the Applicability of Matrix Completion on MIMO Radar	Proceedings of the 48 th Annual Asilomar Conference on Signals, Systems and Computers, Pacific Grove, CA, November 2014, pp. 306-310.	Radio/PHY
Sun, S.	Petropulu, A. and Bajwa, W.U.	Conference Paper	High-Resolution Networked MIMO Radar Based on Sub-Nyquist Observations	Proceedings of EPFL, Lausanne, Switzerland, July 2013.	Radio/PHY
Sun, S.	Petropulu, A. P. and Bajwa, W.U.	Conference Paper	Target Estimation in Colocated MIMO Radar Via Matrix Completion	Proceedings of the 38 th International Conference on Acoustics, Speech and Signal Processing (ICASSP), Vancouver, Canada, May 2013, pp. 4144-4148.	Radio/PHY
Sun, S.	Yu, Y. and Petropulu, A.P.	Conference Paper	A Capon Beamforming Method for Clutter Suppression in Colocated Compressive Sensing Based MIMO Radar	Proceedings of SPIE Defense, Security and Sensing, Baltimore, MD, April/May 2013.	Radio/PHY
Sun, S.	Petropulu, A.	Conference Paper	Robust Beamforming via Matrix Completion	Proceedings of the 47 th Annual Conference on Information Sciences and Systems (CISS), Baltimore, MD, March 2013, pp. 1-6.	Radio/PHY
Sun, Z.	Zan, B., Ban, X., and Gruteser, M.	Conference Paper	Privacy Protection Method for Fine-Grained Urban Traffic Modeling Using Mobile Sensors	Proceedings of the 92 nd annual Meeting of the Transportation Research Board, 2013	Mobile Computing
Tavan, M.	Yates, R.D. and Raychaudhuri, D.	Conference Paper	Connected Vehicles under Information-Centric Architectures	To appear in the Proceedings of the IEEE 2016 Vehicular Networking Conference (VNC), Columbus, OH, December 2016.	Mobile Computing

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Tavan, M.	Yates, R.D. and Raychaudhuri, D.	Conference Paper	Connected Vehicles under Named Object Architectures	Proceedings of the ACM International Workshop on Connected and Automated Vehicle Mobility (CarSys) held in conjunction with ACM MobiCom, New York, NY, October 2016.	Mobile Computing
Tavan, M.	Yates, R.D. and Bajwa, W.U.	Conference Paper	Information in Tweets: Analysis of a Bufferless Timing Channel Mode	Proceedings of the International Symposium on Information Theory (ISIT 2014), Honolulu, HI, June 2014, pp. 826-830.	Radio Resource Management
Tavan, M.	Yates, R.D. and Bajwa, W.U.	Conference Paper	Capacity Analysis of a Discrete-time Bufferless Timing Channel	Proceedings of the 48 th Annual Conference on Information Sciences and Systems (CISS 2014), Princeton, NJ, March 2014, pp. 1-6.	Radio Resource Management
Tavan, M.	Yates, R.D. and Bajwa, W.	Conference Paper	Bits Through Bufferless Queues	Proceedings of the 51 st Annual Allerton Conference on Communication, Control and Computing, Monticello, IL, October 2013, pp. 755-762.	Radio Resource Management
Teodoro, R.	Ozturk, P., Naaman, M., Mason, W. and Lindqvist, J.	Conference Paper	The Motivations and Experiences of the On-Demand Mobile Workforce	Proceedings of the 17 th ACM Conference on Computer Supported Work & Social Computing (CSCW 2014), Baltimore, MD, February 2014, pp. 236-247.	Mobile Computing
Tosic, M.	Seskar, I.	Journal Paper	Resource Specification and Intelligent User Interaction for Federated Testbeds using Semantic Web Technologies	Elsevier Computer Networks, Volume 63, pp. 84-100, April 2014	Mobile Networks
Trappe, W.	Howard, R.E., and Moore, R.S.	Journal Paper	Low-Energy Security: Limits and Opportunities in the Internet of Things	IEEE Security and Privacy, Vol 13, No. 1, pp. 14-21, Jan/Feb 2015.	Mobile Networks
Tukkinen, P.	Lindqvist, J.	Journal Paper	Understanding Motivations for Using Grocery Shopping Applications	IEEE Pervasive Computing, Vol. 14, No. 4, pp. 38-44, October/December 2015.	Mobile Computing
Varvello, M.	Laufer, R., Zhang, F. and Lakshman, T.V.	Conference Paper	Multi-Layer Packet Classification with Graphics Processing Units	To appear in IEEE/ACM Transactions on Networking, Vol.24, No. 5, pp.2728-2741, February 2016. Proceedings of the 10 th International Conference on Emerging Networking Experiments and Technologies (ACM CoNEXT), Sydney, Australia, December 2014, pp. 109-120.	Mobile Computing
Venkataramani, A.	Kurose, J., Raychaudhuri, D., Nagaraja, K., Mao, M. and Banerjee, S.	Journal Paper	MobilityFirst: A Mobility-Centric and Trustworthy Internet Architecture	ACM SIGCOMM Computer Communication Review Vol. 44, No. 3, pp. 74-80, July 2014.	Mobile Networks
Venkataramani, A.	Sharma, A., Tie, X., Uppal, H., Westbrook, D., Kurose, J. and Raychaudhuri, D.	Conference Paper	Design Requirements of a Global Name Service for a Mobility-Centric, Trustworthy Internetwork	Proceedings of the 5 th International Conference on COMMunication Systems & NETworkS, Bangalore, India, pp. 1-9, January 2013.	Mobile Networks
Verma, G.	Dagefu, F., Sadler, B. and Spasojevic, P.	Conference Paper	Implications of Time/Frequency Synchronization Tradeoff of Quasi-Synchronous Multi-Carrier DS-CDMA for Robust Communications at Lower VHF	Proceedings of the 2016 Military Communications Conference (MILCOM), Baltimore, MD, November 2016.	Radio/PHY

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Vu, T.	Baid, A., Gao, S., Gruteser, M., Howard, R., Lindqvist, J., Spasojevic, P. and Walling, J.	Journal Paper	Capacitive Touch Communication: A Technique to Input Data Through Device's Touchscreen	IEEE Transactions on Mobile Computing, Vol. 13, No. 1, pp. 4-19, January 2014.	Mobile Computing
Vu, T.	Gruteser, M.	Journal Paper	Personal Touch-Identification Tokens	IEEE Pervasive Computing Magazine, pp. 10-13, April – June 2013.	Mobile Computing
Wang, K.	An, N., Li, B.N., Zhang, Y. and Li, L.	Journal Paper	Speech Emotion Recognition Using Fourier Parameters	Transactions on Affective Computing, Vol. 6, No. 1, pp. 69-75, January-March 2015.	Mobile Computing
Wang, Q.	Greenstein, L.J., Cimini, L.J., Chan, D.S. and Hedayat, A.	Journal Paper	Multi-User and Single-User Throughputs for Downlink MIMO Channels with Outdated Channel State Information	IEEE Wireless Communication Letters, Vol. 3, No. 3, pp. 321-324, June 2014.	Radio/PHY
Wang, Q.	Feng, H., Cimini, L.J., Greenstein, L.J., Chan, D.S. and Hedayat	Journal Paper	Comparison of Quantization Techniques for Downlink Multi-User MIMO channels with Limited Feedback	IEEE Wireless Communications Letters, Vol. 3, No. 2, pp. 165-168, April 2014.	Radio/PHY
Wang, Q.	Feng, H., Cimini, L.J. Greenstein, L.J., Chan, D.S. and Hedayat, A,	Conference Paper	Sparse Coding Quantization for Downlink MU-MIMO with Limited CSI Feedback	Proceedings of the IEEE Military Communications Conference, San Diego, CA, November 2013, pp. 1268-1272.	Radio/PHY
Wang, Y.	Chen, Y., Yang, J., Liu, H., Gruteser, M. and Martin, R.F.	Journal Paper	A Low-Cost Wi-Fi-based Solution for Measuring Human Queues	Get Mobile: Mobile Computing and Communications, Vol. 19, No. 1, pp. 10-13, January 2015.	Mobile Computing
Wang, Y.	Chen, Y., Yang, J., Gruteser, M., Martin, R., Liu, H., Liu, L. and Karatas, C.	Journal Paper	Determining Driver Phone Use by Exploiting Smartphone Integrated Sensors	IEEE Transactions on Mobile Computing, Vol. 15, No. 8, pp.1965-1981, January 2016.	Mobile Computing
Wang, Y.	Liu, J., Chen, Y., Gruteser, M., Yang, J. and Liu, H.	Conference Paper	E-eyes: Device-Free Location-Oriented Activity Identification Using Fine-Grained WiFi Signatures	Proceedings of the 20 th Annual International Conference on Mobile Computing and Networking (MobiCom 2014), Maui, HI, September 2014, pp. 617-628.	Mobile Computing
Wang, Y.	Yang, J., Chen, Y., Liu, H., Gruteser, M. and Martin, R. P.	Conference Paper	Tracking Human Queues Using Single-Point Signal Monitoring	Proceedings of the 12 th Annual International Conference on Mobile Systems, Applications and Services (MobiSys 2014), Breton Woods, NH, June 2014, pp. 42-54.	Mobile Computing
Wang, Y.	Yang, J., Liu, H., Chen, Y., Gruteser, M. and Martin R.P.	Conference Paper	Measuring Human Queues using WiFi Signals	Proceedings of the 19 th Annual International Conference on Mobile Computing and Networking (MOBICOM), Miami, FL, Sept/Oct 2013, pp. 235-238.	Mobile Computing
Wang, Y.	Yang, J., Liu, H., Chen, Y., Gruteser, M. and martin, R.P.	Conference Paper	Sensing Vehicle Dynamics for Determining Driver Phone Use	Proceedings of the 11 th International Conference on Mobile Systems, Applications and Services, Taipei, Taiwan, June 2013, pp. 41-54.	Mobile Computing
Wu, T.	Sarwate, A.D. and Bajwa, W.U.	Article	Active Dictionary Learning for Image Representation	Unmanned Systems Technology XVII, May 22, 2015.	Mobile Computing
Xie, N.	Bao, X., Petropulu, A. and Wang, H.	Conference Paper	Fast Open-Loop Synchronization for Cooperative Distributed Beamforming	Proceedings of IEEE Global Telecommunications Conference (GLOBECOM 2013), Atlanta, GA, December 2013, pp. 3441-3446.	Radio/PHY

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Xu, C.	Li, S., Zhang, Y., Miluzzo, E. and Chen, Y-F.	Journal Paper	Crowdsensing the Speaker Count in the Wild: Implications and Applications	IEEE Communications Magazine, Vol. 52, No. 10, pp. 92-99, October 2014.	Mobile Computing
Xu, C.	Srinivasan, V., Yang, J., Hirase, Y. Tapia, E.M. and Zhang, Y.	Poster Session	Context-Aware Global Power Management for Mobile Devices Balancing Battery Outage and User Experience	Presented at the 15 th ACM International Workshop on Mobile Computing Systems and Applications (ACM HotMobile), Santa Barbara, CA, February 2014, pp. 300-308. .	Mobile Computing
Xu, C.	Li, S., Liu, G., Zhang, Y., Miluzzo, E., Chen, Y-F., Li, J. and Firner, B.	Conference Paper	Crowd++: Unsupervised Speaker Count with Smartphones	Proceedings of the 2013 ACM International Joint Conference on Pervasive and Ubiquitous Computing (ACM UbiComp), Zurich, Switzerland, September 2013, pp. 43-52.	Mobile Computing
Xu, C.	Firner, B., Moore, R.S., Zhang, Y. Trappe, W., Howard, R. and An, N.	Conference Paper	SCPL: Indoor Device-Free Multi-Subject Counting and Localization Using Radio Signal Strength	Proceedings of the 12th ACM/IEEE Conference on Information Processing in Sensor Networks (ACM/IEEE IPSN 2013), CPSWEEK, Philadelphia, PA, April 2013, pp. 79-90.	Mobile Computing
Yaman, Y.	Spasojevic, P.	Conference Paper	Reducing the LOS Ray Beamforming Setup Time for IEEE 802.11 Ad and IEEE 802.15.3c	Proceedings of the 2016 IEEE Military Communications Conference (MILCOM), Baltimore, MD, November 2016.	Radio/PHY
Yang, J.	Chen, Y., Trappe, W. and Cheng, J.	Book Chapter	Pervasive Wireless Environments: Detecting and Localizing User Spoofing	Springer Briefs in Computer Science, Springer 2014 ISBN: 978-3-319-07355-2, pp. 1-72.	Mobile Networks
Yang, J.	Chen, Y., Trappe, W. and Cheng, J.	Journal Paper	Detection and Localization of Multiple Spoofing Attackers in Wireless Networks	IEEE Transactions on Parallel and Distributed Systems, Vol. 24, No. 1, pp. 44-58, January 2013.	Mobile Networks
Yang, J.	Chen, Y., Martin, R., Trappe, W. and Gruteser, M.	Book Chapter	On the Performance of Wireless Indoor Localization Using Received Signal Strength	Chapter in Handbook of Position Location: Theory, Practice and Advances, Reza Zekavat, R. Michael Buehrer (Eds.), Wiley.	Radio/PHY
Yang, X.	Li, B. and Petropulu, A.	Conference Paper	Colocated MIMO Radars Using the Sparse Fourier Transform	Proceedings of the 2015 ACES Conference on Applied Computational Electromagnetics, Williamsburg, VA, March 2015	Radio/PHY
Yang, Yingxiang	Park, L., Mandayam, N., Seskar, I. Glass, A. and Sinha, N.	Journal Paper	Prospect Pricing in Cognitive Radio Networks	IEEE Transactions on Cognitive Communications and Networking, Vol. 1, No. 1, pp.56-70, March 2015.	Radio Resource Management
Yang, Yulong	Lindqvist, J. and Oulasvirta, A.	Conference Paper	Text Entry Method Affects Password Security	Proceedings of the Learning from Authoritative Security Experiment Results Workshop (LASER 2014), Arlington, VA, October 2014.	Mobile Computing
Yang, Yulong	Sherman, M. and Lindqvist, J.	Conference Paper	Disaster Mitigation by Crowdsourcing Hazard Documentation	Proceedings of the Global Humanitarian Technology Conference (GHTC 2014), San Jose, CA, October 2014, pp. 93-98.	Mobile Computing
Yang, Yulong	Mandayam, N.B.	Conference Paper	Impact of End-User Decisions on Pricing in Wireless Networks	Proceedings of the 48 th Annual Conference on Information Sciences and Systems (CISS), Princeton, NJ, March 2014, pp. 1-6.	Mobile Networks
Yates, R.D.	Mahdavi-Doost, H.	Journal Paper	Energy Harvesting Receivers: Packet Sampling and Decoding Policies	IEEE Journal on Selected Areas in Communications, Vol. 33, No. 3, pp. 558-570, March 2015.	Radio Resource Management
Yates, R.D.	Mahdavi-Doost, H.	Conference Paper	Energy Harvesting Receivers: Optimal Sampling and Decoding Policies	Proceedings of 2013 Global Conference on Signal and Information Processing (GlobalSIP), Austin, TX, December 2013, pp. 367-370.	Radio/PHY
Young, B.	Mhaske, S. and Spasojevic, P.	Conference Paper	Rate Compatible IRA Codes Using Row splitting for 5G Wireless	Proceedings of the 49 th Annual Conference on Information Sciences and Systems (CISS), Baltimore, MD, March 2015, pp. 1-5.	Radio/PHY

Author	Co-Authors	Paper/Talk	Title	Where/When	Category
Yu, Y.	Petropulu, A.	Conference Paper	CS-MIMO Radars for Through-the-Wall Imaging with Simultaneous Transmission	Proceedings of the IEEE Radar Conference, Cincinnati, OH, May 2014, pp. 1439-1442.	Radio/PHY
Yu, Y.	Sun, S., Petropulu, A. and Madan, R.	Journal Paper	Power Allocation and Waveform Design for the Compressive Sensing Based MIMO Radar	IEEE Transactions on Aerospace and Electronic Systems, Vol. 50, No. 2, pp. 898-909, April 2014 (also available at http://arxiv.org/abs/1409.3954 .	Radio/PHY
Yu, Y.	Petropulu, A. and Madan, R.	Book Chapter	Compressive Sensing for MIMO Urban Radar	Chapter 12 in Compressive Sensing for Urban Radars, edited by Moeness Amin, 2014.	Radio/PHY
Yuan, W.	Howard, R., Dana, K., Raskar, R., Ashok, A., Gruteser, M., and Mandayam, N.	Conference Paper	Phase Messaging Method for Time-of-Flight Cameras	Proceedings of the IEEE International Conference on Computational Photography, Hong Kong, June 2014, pp. 1-8.	Mobile Computing
Yuan, W.	Dana, K., Ashok, A., Gruteser, M., and Mandayam, N.	Conference Paper	Spatially Varying Radiometric Calibration for Camera-Display Messaging	Proceedings of IEEE Global Conference on Signal and Image Processing (GlobalSIP), Atlanta, GA, December 2013, pp. 763-766.	Mobile Computing
Yuan, W.	Dana, K., Ashok, A., Varga, M., Gruteser, M. and Mandayam, N.	Poster Presentation	Photometric Modeling for Active Scenes	CVPR Workshop on Computational Camera and Displays held in conjunction with the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Portland, OR, June 2013.	Mobile Computing
Zan, B.	Gruteser, M. and Hu, F.	Journal Paper	Key Agreement Algorithms for Vehicle Communication Networks Based on Reciprocity and Diversity Theorems	IEEE Transactions on Vehicular Technology, Vol. 62, No. 8, pp. 4020-4027, October 2013.	Radio/PHY
Zan, B.	Sun, Z., Gruteser, M. and Ban, X.	Conference Paper	Linking Anonymous Location Traces Through Driving Characteristics	Proceedings of the 3 rd ACM Conference on Data and Application Security and Privacy (CODASPY 2013), San Antonio, TX, February 2013, pp. 293-300.	Mobile Computing
Zhang, C.	Chen, G., Nagaraja, K., Seskar, I. and Nelson, S.	Conference Paper	Mobility-Centric Host Stack for the Future Internet	Proceedings of the 6 th International Conference on Ubiquitous and Future Networks (ICUFN), Shanghai, China, July 2014, pp. 303-308.	Mobile Computing
Zhang, F.	Zhang, Y., Reznik, A., Liu, H., Qian, C. and Xu, C.	Journal Paper	Providing Explicit Congestion Control and Multi-Homing Support for Content-Centric Networking Transport	Elsevier Computer Communications, Vol. 69, pp. 69-78, September 2015.	Mobile Networks
Zhang, F.	Xu, C., Zhang, Y., Ramakrishnan, K.K., Mukherjee, S., Yates, R. and Nguyen, T.	Conference Paper	EdgeBuffer: Caching and Prefetching Content at the Edge in the MobilityFirst Future Internet Architecture	Proceedings of the 16 th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (IEEE WoWMoM 2015), June 2015, pp. 1-9.	Mobile Networks
Zhang, F.		Conference Paper	Comparing Alternative Approaches for Mobile Content Delivery in Information-Centric Networking	Proceedings of the PhD Forum held in conjunction with of the 16 th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (IEEE WoWMoM 2015), June 2015, pp. 1-2.	Mobile Networks
Zhang, F.	Hu, Y., Zhang, Y. and Raychaudhuri, D.	Conference Poster	Enabling Mobile Content-Oriented Networking in the MobilityFirst Future Internet Architecture	Proceedings of the 15 th ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc 2014), Philadelphia, PA, August 2014, pp. 441-442.	Mobile Networks

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Zhang, F.	Zhang, Y., Reznik, A., Liu, H., Qian, C. and Xu, C.	Conference Paper	A Transport Protocol for Content-Centric Networking with Explicit Congestion Control	Proceedings of the 23 rd International Conference on Computer Communications and Networks, Shanghai, China, August 2014, pp. 1-8.	Mobile Networks
Zhang, F.	Reznik, A., Liu, H., Xu, C., Zhang, Y. and Seskar, I.	Conference Paper	Using ORBIT for Evaluating Wireless Content-Centric Network Transport	Proceedings of the 8 th ACM International Workshop on Wireless Network Testbeds, Miami, FL, September 2013, pp. 103-104.	Mobile Networks
Zhang, W.	Hu, Y., Zhang, Y. and Raychaudhuri, D.	Conference Paper	SEGUE: Quality of Service Aware Edge Cloud Service Migration	To appear in the Proceedings of the 8 th IEEE International Conference on Cloud Computing Technology and Science (CloudCom), Luxembourg, December 2016.	Mobile Networks
Zheng, G.	Li, J., Krikidis, I., Petropulu, A. and Ottersten, B.	Journal Paper	Improving Physical Layer Secrecy Using Full-Duplex Receivers with Self-Jamming	IEEE Transactions on Signal Processing, Vol. 61, Issue 20, pp. 4962-4974, October 2013.	Radio/PHY
Zhong, J.	Yates, R.D.	Conference Paper	Timeliness in Lossless Block Coding	Proceedings of the Data Compression Conference (DCC), Snowbird, UT, March 2016.	Radio/PHY