

Eric W. Tramel

Ph.D. Candidate

Department of Electrical and Computer Engineering
Mississippi State University

CONTACT

311B Hogan Street
Starkville, MS 39759
(601) 940-6610
Email: ewt16@msstate.edu
WWW: <http://www.ece.msstate.edu/~ewt16>

EDUCATION

Ph.D. in Computer Engineering, *in progress*

Mississippi State University, Starkville, MS, Projected Completion: May 2012

Current GPA: 3.86

Advisor: Dr. James E. Fowler

B.S. in Computer Engineering

Mississippi State University, Starkville, MS, May 2007; *magna cum laude*

Senior Design: "WiRAD: Wireless Internet Radio", <http://www.ece.msstate.edu/~ewt16>

PROFESSIONAL EXPERIENCE

Mississippi State University, Starkville, MS

Research Associate, Geosystems Research Institute - January 2009 to present

Canon U.S.A., San Jose, CA

Research Intern - May 2011 to August 2011

Mississippi State University, Starkville, MS

Teaching Assistant, Microprocessors I Lab - August 2007 to December 2007

Electronic Circuits I - August 2008 to December 2008

Mississippi State University, Starkville, MS

Research Assistant, Institute for Information and Signal Processing - summer 2007

Mississippi State University, Starkville, MS

Grader, Microprocessors I - January 2007 to May 2007

AREAS OF RESEARCH SPECIALIZATION

- Information Theory
- Image and Video Coding
- Data Compression
- Compressed Sensing

PUBLICATIONS

- J. E. Fowler, S. Mun, and E. W. Tramel, "Multiscale Block Compressed Sensing with Smoothed Projected Landweber Reconstruction," in Proceedings of the European Signal Processing Conference, August 2011.
- E. W. Tramel and J. E. Fowler, "Video Compressed Sensing with Multihypothesis," in Proceedings of the IEEE Data Compression Conference, March 2011.
- M. Trocan, T. Maugey, E. W. Tramel, J. E. Fowler, and B. Pesquet-Popescu, "Compressed sensing of multiview images using disparity compensation," Image Processing (ICIP), 2010 17th IEEE International Conference on , pp.3345-3348, 26-29 Sept. 2010.
- M. Trocan, T. Maugey, E. W. Tramel, J. E. Fowler, and B. Pesquet-Popescu, "Multistage compressed-sensing reconstruction of multiview images," Multimedia Signal Processing (MMSP), 2010 IEEE International Workshop on , pp.111-115, 4-6 Oct. 2010.

PROFESSIONAL ACTIVITIES

University Service

- MSU Bagley College of Engineering Graduate Ambassador

Society Memberships

- Member, IEEE
- Member, IEEE Signal Processing Society
- Member, IEEE Information Theory Society

Publication Review

- IEEE Signal Processing Letters
- IEEE Transactions on Image Processing
- IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)
- IEEE International Conference on Image Processing (ICIP)

AWARDS AND HONORS

- Graduated *magna cum laude*, Mississippi State University, 2007
- Phi Kappa Phi Honor Society Induction, 2007
- Mississippi State University Honors Program Phase II Award, 2006
- Mississippi State University Honors Program Phase I Award, 2005
- Mississippi State University Academic Scholarship, 2004
- Mississippi State University Honors Scholarship, 2004
- Advanced Placement Scholar with Distinction, 2004
- Ergon/Diversified Engineering Excellence Scholarship, 2004
- Mississippi Eminent Scholar, 2004
- National Merit Finalist and Scholarship, 2004