

Outstanding Dissertations and Theses Guided by the Center's Faculty

Professor Huseyin Arslan's Students

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| Outstanding Dissertation Prize, USF Title of Dissertation | T. Yücek | 2007 | “Channel, Spectrum and Waveform Awareness in OFDM-Based Cognitive Radio Systems” |
| Outstanding Dissertation Prize, USF Title of Dissertation | Ismail Guvenc | 2006 | “Toward Practical Design of Impulse Radio Ultrawideband Systems: Parameter Estimation and Adaptation, Interference Mitigation, and Performance Analysis” |

Professor Ken Christensen's Students

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| Outstanding Dissertation Prize, USF Title of Dissertation | H. Fujinoki | 2001 | “Performance Evaluation of Multicast Routing Algorithms to Trade-Off Path Length and Bandwidth Consumption and of a Protocol to Reduce Messaging Overhead” |
| Outstanding Master's Thesis Prize, USF Title of thesis | A. Solleti | 2000 | “Efficient Transmission of Stored Video for Improved Management of Network Bandwidth” |

Professor Vijay Jain's Students

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| Outstanding Dissertation Prize, USF Title of Dissertation | L. (Michael) Lin | 1998 | “High-speed Nonlinear Computer Arithmetic: Algorithms, VLSI Design, and Accuracy Prediction” |
| Outstanding Master's Thesis Prize, USF Title of thesis | J. Dholakia | 2001 | “Multirate adaptive equalization for 100 Mbps OWSS wireless LANS” |
| Outstanding Graduate Award, COE Title of UG Project | Y. Wu | 2000 | “Networked Video and FPGA -based Network Switch Design” |

Professor Ranganathan's Students

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| Outstanding Dissertation Prize, USF Title of Dissertation | R. Sastry | 1994 | “VLSI Architectures for Pattern Matching and Recognition” |
| Outstanding Dissertation Prize, USF Title of Dissertation | V. Krishna | | “High Level Techniques for Power Estimation, Analysis and Optimization” |
| Outstanding Dissertation Prize, USF Title of Dissertation | R. Chandramouli | | “Theory and Application of Sequential Detection under Dependence” |

Professor David Snider's Students

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| Outstanding Dissertation Prize, USF Title of Dissertation | M. Calvo | 1996 | “Resolution of Linear/Nonlinear Inconsistencies in Charge Conservative FET Models” |
| Outstanding Dissertation Prize, USF Title of Dissertation | D. Levinson | 1987 | “Least Noise Trim Patterns for Laser Trimmed Resistors” |