

## 4777 Final Projects Fall 2010

Name	Topic	
Beglin, Eric	Compiler Comparison	12/06/10
Jagadev Ray, Soumitry	Parallelizing an Automated blind-spot measuring tool	12/06/10
McClain, Evan	Proposal for a Vortex Panel Solver for NACA Family Airfoils	12/06/10
Cline, James	Factorization Algorithms on Multiprocessors	12/08/10
Law, Eric	Quantum Computing	12/08/10
Robertson, Bradford	Multithreading as an enabler for stochastic trajectory optimization	12/08/10
Togai, Kuninori	Parallelization of a finite difference CFD code by OpenMP	12/13/2010 – 10:30 AM
Natarajan, Jayaram	Performance Analysis of a Video Encoder	12/13/2010 – 10:45 AM
Langendorf, Samuel	Accelerating Signal Processing for Terahertz plasma diagnostics	12/13/2010 – 11:00 AM
Glass, John	Parallel Monte Carlo Integration Methods in MIMO Radar	12/13/2010 – 11:15 AM
Gutierrez Estevez, David	MIMO decoding and preprocessing	12/13/2010 – 11:30 AM
Kumar, Arjun	Parallelizing a genetic algorithm to solve a traveling salesman problem	12/13/2010 – 11:45 AM
Abbattista, Mauro	Second Order Parabolic PDEs	12/13/2010 – 12:00 PM
	BREAK	
Akinli, Cengiz	Neural Network Builder	12/13/2010 – 12:45 PM
Kim, Honggab	Parallel MCMC Data association for Multitarget tracking	12/13/2010 – 1:00 PM
Koukol, Benjamin	Use of PETSc for parallelizing ODEs arising from Hiemenz flow	12/13/2010 – 1:15 PM
Perez, Matias	Parallelization of the Sparse Field Method	12/13/2010 – 1:30 PM
Quon, Eliot	Efficient Implementation of Mapping Algorithms for CFD	12/13/2010 – 1:45 PM
Riga, Michele	PDEs and Analysis of the Poisson Equation	12/13/2010 – 2:00 PM
Vaidya, Shaunak	Concurrent Multimedia messages	12/13/2010 – 2:15 PM

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Time Slot							
dead week							
dead week							
dead week							
any OK							
dead week (8 <sup>th</sup> )							
dead week							
any finals, not dead							
maybe dead							
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any finals, not dead							
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