

**2005 IS&T Colloquium  
Poster Award Winners**

	<b>Title</b>	<b>Student</b>	<b>Faculty</b>	<b>Departments</b>
<b>General Technical Clarity</b>	Failure-Tolerant Path Planning for Kinematically Redundant Manipulators	Rodrigo S. Jamisola	Anthony Maciejewski, Rodney Roberts	Electrical and Computer Engineering
<b>Innovativeness</b>	Bound Electron Contribution to Soft X-ray Laser Interferograms of Dense Plasmas	J. Filevich, F. Smith, J. Dunn , R. Keenan, J.R. Hunter, S.J. Moon, J. Nilsen, A. Ng, V.N. Shlyaptsev	J.J. Rocca, M.C. Marconi	Electrical and Computer Engineering
<b>Presentation</b>	Simplifying Reductions	Gautam Gupta	Sanjay Rajopadhye	Computer Science
<b>Breadth of Impact</b>	Novel Laser Diodes for Telecom	Ovidio Anton	Carmen Menoni	Electrical & Computer Engineering
<b>Overall Best #1</b>	A Monte Carlo Simulation Package for Simulating Multisite Adsorption	James Knight	Simon Tavener, Dr. Bruce Parkinson, and Todd Mytkowicz	Computer Science, Mathematics, Chemistry
<b>Overall Best #2</b>	Fluidic Intracavity Laser Diode (FILD) Sensor	D. Kumar, L. Shao	Kevin Lear	Electrical and Computer Engineering
<b>Overall Best #3</b>	Local, Evanescent, Array Coupled (LEAC) Biosensor	Guangwei Yuan, M. Stephens, D. Dandy	Kevin Lear	Electrical and Computer Engineering & Chemical Engineering