2008 Student Symposium Participants

Student Last Name	Student First Name	Presentation Title	Presentation Type	Judging Category	Student Group
Adams	Bradley	Electron Sweeping via Magnetic Field	Individual Poster Presentation	Engineering	ISR-1
Albert	Victor	Electronic Structure of CdSe Quantum Dots and Ru Complexes	Technical Talk	Physics	T-CNLS
Alme	Christopher	Managing Supercomputing Challenge Website Content	Individual Poster Presentation	Computing	HPC-3
Anderson	Marissa	Flow cytometric Analysis of Intrinsic Cellular Fluorescent Lifetime	Group Poster Presentation	Biosciences	B-9
Araya	Yonathn	Development of A Robust Chamber for A High-Throughput Flow Based Magnetic Spectrometer	Individual Poster Presentation	Physics	P-21
Archuleta	Amanda	Print Management	Individual Poster Presentation	Computing	CTN-3
Atamturktur	Sezer	A Discussion on Predictive Maturity of Computer Models Using Functional and Multivariate Output	Technical Talk	Engineering	X-3
Auxier II	John	Improved Methods of Nuclear Spectrometry for Sample Characterization	Individual Poster Presentation	Chemistry	AAC
Babcock	Bryan	Coordination Analysis of TA-55 Power Systems	Individual Poster Presentation	Engineering	ES-SE
Bailon	Marcus	Helium Leak Test of an Induction Heating Bell Jar Assembly	Group Poster Presentation	Engineering	WCM-2
Baker	Gregory	Inventory Managment	Individual Poster Presentation	Engineering	PPC
Barefield	Melanie	The Effects of Traffic on Worker Stress	Non-Technical Talk	Non-Technical	IHS-DO
Berkelbach	Timothy	Theoretical Investigations of Xenon Plasma Kinetics and Spectroscopy	Technical Talk	Physics	T-4
Bhatty	Azmat	Sphere Cleanout Robot Programming	Individual Poster Presentation	Engineering	AET-5
Bigelow	David	Storage Systems for High-Bandwidth, Low-Lifetime Data	Technical Talk	Computing	HPC-5
Bizzozero	David	Faster-than-Light Electromagnetic Sources	Individual Poster Presentation	Mathematics	AET-2
Black	Eric	Electronic Software Distribution	Group Poster Presentation	Computing	CTN-4
Blaylock	Joe	Development of a new Pu-238 Heat Standard	Individual Poster Presentation	Engineering	PMT-5
Bolton	Caroline	Low-Power Tests of Water Cooled RF Loads with Chemical Additives	Group Poster Presentation	Engineering	AOT-RFE
Bornn	Luke	Structural Health Monitoring with Autoregressive Support Vector Machines	Technical Talk	Mathematics	CCS-6
Boyer	Colby	Real Time Digital Signal Processing of Radio Telescope Signals for a Full Sky FX Correlator	Individual Poster Presentation	Computing	HPC-5
Brady	Christina	Multiplexed Nanoparticle Assemblies for SERS-Detection Applications	Technical Talk	Chemistry	C-CDE
Brashear	Joshua	Pueblo Complex Print Server	Individual Poster Presentation	Computing	CTN-2
Breiner	Anna	Microstructural and Rate Effects on the Shear Localization of Copper	Individual Poster Presentation	Physics	MST-8
Briggs	Hilary	Sequencing of Bacterial Genomes: An Emphasis on Wet Lab Techniques and Biology as an Information Science	Individual Poster Presentation	Biosciences	B-6
Brooks	Alyssa	Investigation of Boundary Condition Impacts on Solutions of the Two-dimensional Incompressible Navier-Stokes Equations with a Buoyancy Source	Technical Talk	Earth and Space Science	EES-2
Canfield	Jesse	Grass Fires in an Unstable Boundary Layer Over Flat Terrain	Technical Talk	Earth and Space Science	EES-2
Cappiello	Marcus	The Effects of Plastic Deformation on Microstructural Development in HT-9 and T-91	Individual Poster Presentation	Engineering	MST-8
Cardon	Devin	Low-Power Tests of Water Cooled RF Loads with Chemical Additives	Group Poster Presentation	Engineering	AOT-RFE
Chandler	Clayton	Towards Resilient High Performance Computing Systems Through Lightweight, Dynamic Metric Collection	Technical Talk	Computing	CTN-1
Chen	Frank	Ultrafast Control of Ferromagnetic Nanowires	Individual Poster Presentation	Physics	MPA-CINT
Coggeshall	Caroline	Lead Free Glovebox Gloves	Individual Poster Presentation	Chemistry	C-IIAC
Collord	Chris	Looking Forward - Server 2008 and Vista	Technical Talk	Computing	CTN-2
Coronado	Cesar	Analysis of iTRAQ Ratios upon Macrophage Exposure to Fullerenes.	Individual Poster Presentation	Biosciences	B-8
Cortez	Ross	Measurements of the Magnetic Field Profile of a Translating Field-Reversed Configuration Experiment Using an Axial Magnetic Field Probe	Individual Poster Presentation	Physics	P-24
Coxe	Julianne	A Nano-Sculptor's Knife: Cutting into Infinite Space	Technical Talk	Mathematics	LANSCE-LC
Crenshaw	Ezekiel	Purification of MBP Fused Mycobacterium Tuberculosis Proteins	Individual Poster Presentation	Biosciences	B-9
Croce	Mark	Nuclear Characterization of Nanocomposite Scintillators	Group Poster Presentation	Physics	N-1
Day	Paul	Automated Testing Platform for Microstructure Adhesives	Technical Talk	Engineering	PMT-4
DeMaria	Francisco	Collaboration Station: The Tripod Project	Group Poster Presentation	Computing	HPC-1

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Difley	Seth	Extending the Lifetime of Organic Solar Cells and Light Emitting Devices	Technical Talk	Physics	T-CNLS
Doll	Erich	High Speed Interconnection Network Performance Studies	Group Poster Presentation	Computing	HPC-5
Donati	Diana	Strain Rate Dependent Mechanical Properties of Textured Beryllium	Individual Poster Presentation	Engineering	MST-8
Douglass	Brain	Social Engineering: New Answers for an Old Problem	Technical Talk	Computing	HPC-1
Dozier	Benjamin	Ultrasonic Imaging of Niobium Targets used in Radioisotope Production	Individual Poster Presentation	Engineering	AET-6
Duval	Nathan Lee	Characterization of Environmental Persistence of Bacillus thuringiensis var. kurstaki (Btk)	Individual Poster Presentation	Biosciences	D-3
Elfman	Mary	Computer Graphics Visualization and Animation used in Scientific and Facility Modeling	Group Poster Presentation	Computing	N-4
Ellison	Paul	Data Analysis of Neutron Capture Measurements on 75As Using DANCE	Individual Poster Presentation	Physics	C-NR
Esquibel	Le'andrea	Electronic Software Distribution	Group Poster Presentation	Computing	CTN-3
Flemming	David	Collaboration Station: The Tripod Project	Group Poster Presentation	Computing	HPC-1
Fowers	Spencer	Improving AngelFire Using a Real-Time, FPGA-based Feature Tracker	Individual Poster Presentation	Engineering	CCS-1
Fuller	Megan	Microcalorimeter Detectors for X and Gamma Ray Spectroscopy	Individual Poster Presentation	Physics	N-1
Gallegos	Iris	Ergonomic Analysis of Oval Gloveports Versus Round Gloveports Using V5 Delmia Human Software	Individual Poster Presentation	Engineering	PMPP-DO
Garcia	Selina	Lifting LANL's Legacy Fiber Plant Limits	Group Poster Presentation	Engineering	CTN-4
Geb	David	A Micro-Fluidic Flow-Control Mechanism for DNA-Based Clinical Diagnostics	Group Poster Presentation	Engineering	AET-5
Gibbs	Paul	A Comparison of Two Mold Designs for Uranium Casting	Group Poster Presentation	Engineering	MST-6
Gossens	Dan	Network Access Control: Symantec LAN and Gateway Enforcers	Individual Poster Presentation	Computing	CTN-1
Goyal	Noopur	Metal Toxicity and Effect on Bioremediation Bacteria	Individual Poster Presentation	Biosciences	EES-6
Guerra	Jorge	TRU Waste Facility Interim Alternatives Project	Individual Poster Presentation	Engineering	INP-SMS
Guimond	Steve	Remote Sensing and Modeling of Hurricane Intensification	Technical Talk	Earth and Space Science	EES-2
Guiterrez	Samuel	OpenSpeedShop: A Scalable Parallel Performance Analysis Framework	Individual Poster Presentation	Computing	HPC-3
Gurule	James	Volume Minimization and Inventory Reduction of LANL's Classified Parts	Individual Poster Presentation	Engineering	MST-6
Gyrya	Vitaliy	New Mimetic Finite Difference Method for Stationary Stokes Equation.	Technical Talk	Mathematics	T-7
Haack	Jeffrey	The Parity Splitting Formulation for the P_N Approximation of Transport Equations	Individual Poster Presentation	Mathematics	T-CNLS
Haines	Tim	Mechanical Aspects of Thermal Storage System	Individual Poster Presentation	Engineering	INP-SMS
Hammon	Jessica	Towards an Ultra-low Field MRI Scanner Based on Atomic Magnetometer	Individual Poster Presentation	Physics	P-21
Hansen	Victoria	1. Synthesis, Characterization, and Use of a Novel Silane 2. Covalent Capture of Small Molecules on Patterned Thin Films	Individual Poster Presentation	Chemistry	C-PCS
He	Meiyun	Entropy Based Closures for P_N equations	Technical Talk	Computing	T-CNLS
Height	Jonathan	Facilities Management	Individual Poster Presentation	Engineering	HPC-2
Hendricks	Lisa Anne	Characterization of Transport, Deposition and Building Infiltration of Bacillus thuringiensis var. kurstani	Individual Poster Presentation	Biosciences	D-3
Herrera	Rocky	HDCS Print Server Project	Individual Poster Presentation	Computing	CTN-3
Herrera	Brandon	PF-4 Trolley Research & Documentation Compilation	Individual Poster Presentation	Engineering	ES-SE
Hessler	Katelyn	Probing the Quark-Gluon Plasma at the Large Hadron Collider at CERN	Individual Poster Presentation	Physics	P-25
Howard	Cameron	He-3 Permeability of Inertial Confinement Fusion Targets	Individual Poster Presentation	Engineering	WT-11
Iriving	Mary	Flow cytometric Analysis of Intrinsic Cellular Fluorescent Lifetime	Group Poster Presentation	Biosciences	B-9
Jablin	Michael	Model Lipid Bilayers on a Thermoresponsive Surface-Tethered Poly(N-isopropylacrylamide) Network	Technical Talk	Biosciences	LANSCE-LC
Jackson	Austin	Investigating the Optical Properties of Platinum Plated PMTs for use in a Low Background Dark Matter Experiment	Technical Talk	Physics	P-23
Jeffs	David	Relay Switch Arrays	Individual Poster Presentation	Physics	P-21

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Kalma	Corey	Design and Tooling Engineering for Tools, Fixtures and Gages	Technical Talk	Engineering	WCM-4
Kammerman	Jeffrey	An Analysis of the Forrest Fire Reactive Burn Model	Technical Talk	Engineering	X-4
Kang	James	High Performance Computing and Cluster Management	Group Poster Presentation	Computing	HPC-5
Kautz	Tiffany	Building a Collection of Bacteria from Different Orders for use in Testing Assay Effectiveness	Individual Poster Presentation	Biosciences	B-7
Kiedrowski	Brian	Measurement and Reduction of Variance Bias in MCNP k-Effective Calculations	Technical Talk	Engineering	X-3
Kienitz	Brian	The Effects of Cationic Contamination of Polymer Electrolyte Membrane Fuel Cells	Technical Talk	Engineering	MPA-11
Knapp	Cameron	A Comparison of Two Mold Designs for Uranium Casting	Group Poster Presentation	Engineering	MST-6
Knauss	Carl	Lifting LANL's Legacy Fiber Plant Limits	Group Poster Presentation	Engineering	CTN-4
Kotas	Jakob	Plasma Temperature and Density Dependence for Collisional Cross Section Calculations	Technical Talk	Physics	T-4
Krause	Andrew	Preventive Maintenance Programs for Pit Manufacturing Equipment	Individual Poster Presentation	Engineering	AET-5
Kubicek	Jessica	Detection of Antigen 85, a Biomarker for Tuberculosis, Using a Waveguide-based Optical Biosensor	Individual Poster Presentation	Biosciences	C-PCS
Kullback	Brendan	Strength Models, Temperature, and Impactor Velocity Effects on Large Strain Rate Deformation	Technical Talk	Engineering	X-4
Leeseberg	Evan	High Performance Computing and Cluster Management	Group Poster Presentation	Computing	HPC-5
Levy	Philippe	Unveiling Terrestrial Microorganic Carbon Cycling Using Tunable Diode Laser Spectroscopy and Automated Microcosms	Individual Poster Presentation	Earth and Space Science	EES-2
Leyva	Maria	Use of Extend Software to Model the Plutonium Recovery and Discard Processes	Individual Poster Presentation	Engineering	PMT-2
Lilyquistj	Jenna	Basics of Light Scattering	Individual Poster Presentation	Chemistry	N-1
Liu	HsingHui	You've Got Mail! Managing LANL-wide eMail Migration	Group Poster Presentation	Computing	CTN-1
Logan	David	Plutonium Facility Ventilation Simulation	Individual Poster Presentation	Engineering	PMPP-DO
Looker	Quinn	1-Dimensional Position Reconstruction Using Gamma Ray Backscatter Technique	Individual Poster Presentation	Physics	ISR-1
Lopez	Veronica	Reverse Engineering Malware	Individual Poster Presentation	Computing	CTN-5
Lu	Qiming	Damage Spreading in Spatial and Small-world Random Boolean Networks	Technical Talk	Physics	CCS-3
Luce	Curtis	Performance and Feasibility of Virtual Machines	Individual Poster Presentation	Computing	CTN-1
Lucero	April	Implementing ClearCube PC Blades	Individual Poster Presentation	Computing	CTN-3
Madrid	Jamie	You've Got Mail! Managing LANL-wide eMail Migration	Group Poster Presentation	Computing	CTN-1
Marshall	Justin	A Micro-fluidic Flow Control Mechanism and Test Strip Reader for DNA Based Diagnostics	Group Poster Presentation	Engineering	C-CDE
Martin	Kyle	Modeling the Emission from the Supermassive Black Hole in the Galactic Center with GRMHD Simulations.	Technical Talk	Physics	T-6
Martinez	Ashley	Network DNA	Group Poster Presentation	Computing	CTN-5
Mastbaum	Andrew	Dark Matter and the miniCLEAN Experiment	Technical Talk	Physics	P-23
Maurer	Sarah	Stabilization of Fatty Acid Membranes by Monoacylglycerols	Individual Poster Presentation	Biosciences	EES-6
McCormick	Kimberly	Cluster Monitoring Tools	Individual Poster Presentation	Computing	T-8
McPhall	Aarong	Dynamic SQL Generation and Data Validation from Configuration Files	Technical Talk	Computing	ACS-PO
Medina	Erlinda	Aerosol Deposition on the Detector Face of the Thermo-Fisher Alpha-7 Continuous Air Monitor	Individual Poster Presentation	Engineering	RP-2
Merrigan	Dylan	Broad Gigabit Data Network Upgrade Design and Implementation	Technical Talk	Computing	CTN-4
Molina_estolano	Esteban	Taming Pseudorandom Data Placement	Technical Talk	Computing	HPC-5
Monson	Joshua	Frequency Triggering of a Snapshot Recorder	Individual Poster Presentation	Engineering	ISR-3
Montoya	Daniel	Electronic Software Distribution	Group Poster Presentation	Computing	CTN-2
Morse	Caleb	Migrating Clustermatic to Perceus	Individual Poster Presentation	Computing	CTN-1
Munoz	Amanda	Diskless Computing	Group Poster Presentation	Computing	HPC-5
Murray	Roy	Calcium Detection in 3013 Containers	Individual Poster Presentation	Physics	PMT-1
Murthy	Abhishek	A Realistic Power-Profile of Communication Nodes in Wireless Ad-hoc/Sensor Networks (WANETs)	Group Poster Presentation	Computing	CCS-3
Nekimken	Kyle	Dynamic Alpha Particle Source	Individual Poster Presentation	Engineering	RP-2
Nelson	Michael	Building Spare Drift Tubes for the LANSCE-R Project	Individual Poster Presentation	Engineering	AET-1
Nelson	Sarah	Wind Turbine Interaction with the Surrounding Atmosphere	Technical Talk	Earth and Space Science	EES-2

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Niemeyer	Alyson	Interdigitated Photoconductors Using Organic and Small Molecule Materials	Technical Talk	Engineering	MPA-11
Nystrom	Katherine	High Performance Computing and Cluster Management	Group Poster Presentation	Computing	HPC-5
Ogren	John	Optical Pumping of Multiple Ytterbium2+ States with a Hollow Cathode Lamp	Individual Poster Presentation	Physics	P-23
Oka	Jude	Gap Analysis between the Weapons Quality Assurance Program Production Agency and the Manufacturing Administrative Procedures	Group Poster Presentation	Non-Technical	MQ-2
Orozco	Daniel	Sweep 3D Benchmark for Multicore Supercomputers	Technical Talk	Computing	HPC-5
Owen	Taylor	High Speed Interconnection Network Performance Studies	Group Poster Presentation	Computing	HPC-5
Pack	Scott	A Realistic Power-Profile of Communication Nodes in Wireless Ad-hoc/Sensor Networks (WANETs)	Group Poster Presentation	Computing	CCS-3
Padilla	Breanna	Expression and Purification of extracellular Domain of Toll-like Receptors	Individual Poster Presentation	Biosciences	B-7
Palmer	Bryant	Dynamic modeling of Earthquake Ruptures	Group Poster Presentation	Earth and Space Science	EES-11
Peterson	Sean	Testing the FLAG Ejecta Model	Individual Poster Presentation	Physics	X-3
Powers	Seth	Security Communications	Individual Poster Presentation	Non-Technical	PS-2
Price	Dominique	Detection of Lipoarabinomannan, a Mycobacterium Tuberculosis Biomarker Using the Waveguide-based Optical Biosensor	Technical Talk	Biosciences	C-PCS
Pugh	Michael	Rotary Uninterruptible Power Supply	Individual Poster Presentation	Engineering	HPC-2
Purdy	Jennifer	Lifting LANL's Legacy Fiber Plant Limits	Group Poster Presentation	Engineering	CTN-4
Quinn	Christopher	Resilience in Computer Arithmetic	Technical Talk	Computing	HPC-5
Ramsey	Scott	Evaluation of the Guderley Converging Shock Wave Standard Solution Mode	Technical Talk	Computing	X-3
Rand	Dana	Temperature Monitoring and Control System	Individual Poster Presentation	Engineering	AET-5
Rastogi	Pawan	Sensitizing and Protecting Lanthanide Ion Emission Using Optically Active Nanocrystals	Individual Poster Presentation	Chemistry	MPA-CINT
Recla	Nichoals	Securing Vista to FDCC & LANL Standards	Individual Poster Presentation	Computing	CTN-1
Rector	Stuart	Helium Leak Test of an Induction Heating Bell Jar Assembly	Group Poster Presentation	Engineering	AET-5
Reindel	Andrew	Applying Fourier, Wavelet and Variable Sine Algorithmic Analysis to Solar Cycles	Individual Poster Presentation	Physics	X2
Resnick	Jesse	Regeneration and Expedited Preparation of Polyethylene Glycol Terminated Thin Films	Individual Poster Presentation	Chemistry	C-PCS
Reynolds	Jesse	Reconfiguring the Piping in the Chloride Line Extraction and Actinide Recovery (CLEAR) Glovebox Line in Room 420	Individual Poster Presentation	Engineering	PMT-2
Rivera	Richard	NetworkDNA	Group Poster Presentation	Computing	CTN-5
Rivera-Lopez	Ricardo	ASME HEPA Filter	Individual Poster Presentation	Engineering	RP-2
Robinson	Aaron	Benefits of SharePoint in Manufacturing Configuration Management	Individual Poster Presentation	Engineering	PMPP-PPC
Romero	Adrian	LANL HPC Monitoring	Individual Poster Presentation	Computing	HPC-1
Roybal	Frank	Diskless Computing	Group Poster Presentation	Computing	HPC-5
Ruf	Tanner	X-Ray Diffraction of Hygroscopic Salts Found in Impure Pu Oxides Stored in 3013 Containers	Individual Poster Presentation	Engineering	PMT-1
Rush	Wade	Dynamic Modeling of Earthquake Ruptures	Group Poster Presentation	Earth and Space Science	EES-11
Sahm	Douglas	Gap Analysis Between the Weapons Quality Assurance Program Production Agency and the Manufacturing Administrative Procedures	Group Poster Presentation	Non-Technical	MQ-2
Saiz	Jessica	Investigating the Structure of Single Phospholipid Bilayers on Polymer Cushions Using Neutron Reflectivity	Technical Talk	Biosciences	LANSCE-LC
Salas	Sherry	Software Evaluation of SCAP Validated Products	Individual Poster Presentation	Computing	CTN-1
Salazar	Ruben	High Speed Interconnection Network Performance Studies	Group Poster Presentation	Computing	HPC-5
Sanchez	Nathaniel	Shock Initiation Properties of the HMX based Explosive PBXN-9	Individual Poster Presentation	Physics	DE-9
Sauer	Jeremy	Interaction of Atmosphere and Fire in Heterogeneous Canopies	Technical Talk	Earth and Space Science	EES-2
Schear	Melissa	Nuclear Characterization of Nanocomposite Scintillators	Group Poster Presentation	Physics	N-1
Schevel	Julia	Needs-based Agent Activity Generation by Means of Genetic Algorithms	Technical Talk	Computing	T-04

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Schmidt	Andrea	Radiation Theory of Astronomical Sources that Move Faster than Light: Applications to Pulsars	Technical Talk	Physics	AET-2
Shibley	Brandon	Non-invasive Acoustical Monitoring of Fluid Parameters Using a Digital Phase-lock Technique.	Individual Poster Presentation	Physics	MPA-11
Siebe	Craig	Calculations of the CP Violating Dipole Moment of HE3	Individual Poster Presentation	Physics	T-16
Simpson	Zachary	Desktop Replacement and Sunray Deployment	Individual Poster Presentation	Computing	CTN-1
Simpson	Justin	SabreECAM Type Testing	Individual Poster Presentation	Engineering	RP-2
Slutzky	Samantha	The Ecohydrological Response of a Piñon-Juniper Woodland to Piñon-Pine Mortality	Individual Poster Presentation	Earth and Space Science	EES-2
Smith	Hillary	Early Stages of Oxidative Stress-induced Membrane Permeabilization: a Neutron Feflectometry Study	Technical Talk	Biosciences	LC
Smith	Christopher	Facilitating Dynamic Policy For Handling Network Security Events	Technical Talk	Computing	ACS-PO
Soo	Michael	Electrostatic Analysis for the Neutron Electric Dipole Moment Project	Technical Talk	Physics	P-25
Soysal	Onur	CatNap: A Self-Stabilizing Low-Power Sleep-Wake Up Protoc	Individual Poster Presentation	Computing	T-CNLS
Spencer	Joshua	Charged Particle Benchmarking of the Merged MCNP Code	Technical Talk	Engineering	X-3
Steinfeld	Bryan	Design & Implementation of a User-Friendly Robotic Controller	Individual Poster Presentation	Engineering	AET-5
Stutz	Samantha	Assimilation-weighted Gas Exchange Parameters	Individual Poster Presentation	Earth and Space Science	EES-2
Swenson	Hunter	Distortion of Vacuum Carburized Steel Assessed by Systematic Process Variations	Technical Talk	Engineering	MST-6
Torney	Angela	Carbon Cycle Responses of a Pinon-Juniper Woodland to Drought	Individual Poster Presentation	Earth and Space Science	EES-2
Torres	Nickolas	Diskless Computing	Group Poster Presentation	Computing	HPC-5
Torres	Aaron	Storage of Large File System Data and Statistics Generation Processing for Parallel Program	Technical Talk	Computing	HPC-5
Ua Cearnaigh	Deois	Biodegradation of Organic Chelating Agents by the Model Halophilic Archaeon _Halobacterium salinarium_ in Environmentally Relevant Brines	Individual Poster Presentation	Biosciences	EES-12
Unzueta	Michael	Glovebox Temperature Distribution Test	Individual Poster Presentation	Engineering	AET-5
Valdez	Roxane	Active Directory Integration with Macintosh	Individual Poster Presentation	Computing	CTN-1
VanMaanen	David	Oscillations of Visual Stimuli in the Primary Visual Cortex	Technical Talk	Physics	T-4
Vigil	Blaine	Analyzing Applications U sing O pen|SpeedShop	Technical Talk	Computing	HPC-3
Vigil	Shelly	Direct Observations of Plasticity within Several Crystalline Forms of Acetaminophen	Technical Talk	Engineering	DE-9
Vogt	Adam	Time Evolution of the Non-Linearly Saturated Kink Mode in a Current Carrying Plasma	Individual Poster Presentation	Physics	P-24
Wachtor	Adam	Proper Orthogonal Decomposition of Variable Density Turbulent Flow	Technical Talk	Physics	X-3
Webber	Michael	Shrinkwrap GUI	Individual Poster Presentation	Computing	ISR-2
Weflen	Daniel	Double Photoionization of the H_2: Double Slit Interference?	Individual Poster Presentation	Physics	T-4
Welsh	Aaron	Improving a Turning Process Using Piezoelectric Actuators and Ultrasonic-Assisted Machining	Individual Poster Presentation	Engineering	WCM-2
Whitehouse	Jeffrey	Print Server for a Heterogeneous Client Environment	Individual Poster Presentation	Computing	CTN-1
Wisher	Ian	Uncertainties in Reactor Neutrino Spectra	Individual Poster Presentation	Physics	T-16
Wulf	Nicholas	Image Tiling, Reduction, and Compression at 600 Million Pixels Per Second Using FPGA Based Hardware	Individual Poster Presentation	Engineering	CCS-1