		Track 1: Energy and Environmental Analysis (Location TBD)	Track II: Recycling, Electronics, ICT and End-of-Life (Location TBD)	Track III: Nanotechnology, Green Manufacturing, Transportation, Plastics (Location TBD)
	Time	Sunday, May 18, 2008		
Registration **(Location TBD)**	3:00pm-7:00pm			
	Time	Monday, May 19, 2008		
Registration **(Location TBD)**	7:00am-8:00am	Breakfast **(Location TBD)**		
	8:00am-9:30am	**Tutorial Session (Free)** Introduction to Industrial Ecology and Life Cycle Assessment		
	10:00am-10:15am	Refreshment Break **(Location TBD)**		
	10:15am - 11:45am	**Tutorial Session (Free)** EPEAT (Electronic Product Environmental Assessment Tool)		
	11:45am-1:00pm	Lunch on your own		
	1:00pm-2:00pm	Keynote Speaker - Brad Gammons, IBM **(Location TBD)**		
	2:00pm-2:15pm	Refreshment Break **(Location TBD)**		
		Technical Session - *Power Generation and Distribution*	**Technical Session - *ICT***	**Technical Session - *Nanotechnology***
	2:15pm-2:45pm	*A Life Cycle Decision Tool for Solar Energy*	*Environmental Impacts of the Market Dynamics in Urban E-commerce System: Case Study of Book Retail Market*	*Monte Carlo Multi-Criteria Risk Analysis of Single Wall Carbon Nanotube Production Processes*
	2:45pm-3:15pm	*Environmentally Conscious Manufacturing Energy Networks*	*Design and Assessment of an Intelligent Networked Book Delivery System in the United States*	*Environmental Performance Characterization of Atomic Layer Deposition*
	3:15pm-3:45pm	*The Impact of Reliability on Wind Turbine Life Cycle Analysis*	*Creating and Applying a Shared Vision of Sustainable ICT*	*A framework for risk management and end-of-life (EOL) analysis for nanotechnology products: A case study in lithium-ion batteries*
	3:45pm-4:15pm	*Sustainable Power Generation*	*Social Impacts of ICT services -Different impacts in different countries-*	*Assessment of life-cycle efficiencies for carbon nanotube battery production systems*
	4:15pm-5:30pm	Poster Session **(Location TBD)**		

		Track 1: Energy and Environmental Analysis (Location TBD)	Track II: Recycling, Electronics, ICT and End-of-Life (Location TBD)	Track III: Nanotechnology, Green Manufacturing, Transportation, Plastics (Location TBD)
	Time	Tuesday May 20, 2008		
Registration (Location TBD)	7:00am-8:00am	Breakfast **(Location TBD)**		
		Technical Session - *Energy Use*	**Technical Session - *EOL Design and Policy for an International Market***	**Technical Session - *Green Manufacturing***
	8:00am-8:30am	*Life Cycle Assessment (LCA) in electrical and electronic sector in Malaysia ; a case study of ballast*	*DfE for the products distributed across the borders*	*Environmental and Health Risk Assessment for California Printed Circuit Board Manufacturing: Guidance for Pollution Prevention Opportunities*
	8:30am-9:00am	*Using Feedback to Enhance Use Phase Efficiency in PC Systems*	*Regulations on Transboundary Movement of E-waste and Secondhand EEE in Asia*	*Measures and trends in energy use of semiconductor manufacturing*
	9:00am-9:30am	*Lifetime Exergy Consumption of an Enterprise Server*	*Understanding population dynamics of WEEE recycling system in the developing countries: A SIR model*	*Improvement of home appliances design based on energy-saving concept: case studies on hair dryer and coffee maker*
	9:30am-10:00am	*Energy Efficiency Meets Ecodesign – Technology Impacts of the European EuP Directive*	*International trade in second-hand electronic products from Japan to developing Asia – Stakeholders' perspectives and policy options*	*Environmental Sustainability in the Semiconductor Industry*
	10:00am-10:30am	Refreshment Break **(Location TBD)**		
		Technical Session - *Thermodynamics as a Tool*	**Technical Session - *End of Life Management***	**Technical Session - *Transportation***
	10:30am-11:00am	*Thermodynamics: The guidepost of effective use of energy*	*The Role and Value of Information for Supply Loop Management: Framework & Applications for the End-Of-Life Cell Phone Industry*	*Use of Industrial By-Products in Urban Transportation Infrastructure: argument for increased industrial symbiosis*
	11:00am-11:30am	*A Thermodynamic Framework for Analyzing and Improving Manufacturing Processes*	*Proposal and feasibility assessment of tele-inverse manufacturing*	*Predictive Life Cycle Comparison of Compact Sized Lightweight Vehicles with Aluminum & High Strength Steel*
	11:30am-12:00pm	*Estimating exergy renewability for sustainability assessment of corn ethanol*	*Remanufacturing Process Planning for IT-Equipment*	*Engineering Students Game to Green the Automobile Supply Chain*
	12:00pm-12:30pm	*Thermodynamic analysis of effectiveness and efficiency of WEEE recycling*	*Modeling the Economic and Environmental Performance of Recycling Systems*	*Environmental and Energy Impacts of Transportation under Extended Producer Responsibility (EPR) Policy*
	12:30pm-2:00pm	Luncheon Speaker - Alan Meier, Lawrence Berkeley National Laboratory **(Lunch Provided)** **(Location TBD)**		
		Technical Session - *Systems and Analysis*	**Technical Session - *End of Life Flows***	**Panel Session - *Plastics***
	2:15pm-2:45pm	*Environmental Life Style Analysis*	*Original Equipment Manufacturer End-of-Life Equipment Collection Metrics*	*The Sustainable Use of Flame Retardants in the Electronics Industry*
	2:45pm-3:15pm	*Comparison of simplified LCA variations for three LCA cases of electronic products from the ecodesign point of view*	*Forecasting sales and generation of end-of-life computers in the U.S.*	*Analysis of different biodegradable material and its technique to produce dishware*
	3:15pm-3:45pm	*A Case Study of Platinum Group Metals Availability for Electronics Manufacturers*	*Application of WEEE/E-waste inventorization methodology using tracer tracking along material flow in a developing country*	*Sorting out the Plastic Problem*
	3:45pm-4:15pm	*Assessing Life Cycle Environmental Implications of Polymer Nanocomposites*	*Characterizing Architectural Options for Electronic Waste Recycling Systems*	*Recycling Plastics from Electronic Scrap: A Case Study*
	4:15pm-4:45pm	*What goes around comes around, - high level of cadmium in low cost jewelry.*	*Estimating Regional Material Flows for LCDs*	*Sustainability of Plastics Used in the Electrical, Electronics and Appliances Market*
	4:45pm-5:15pm			*Is PVC an Eco-efficient Textile Coating Polymer?*

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	Time	Wednesday, May 21, 2008		
Registration **(Location TBD)**	7:00am-8:00am	Breakfast **(Location TBD)**		
		Technical Session - *Thermodynamic Evaluations*	**Technical Session - *Informatics and RFID***	**Technical Session - *Urban Systems***
	8:00am-8:30am	*Thermodynamics and Recycling, A Review*	*Environmental Applications of RFID*	*Complexity in Urban Systems: ICT and Transportation*
	8:30am-9:00am	*Secondary materialization: Energy use to realize ultra-high purities in semiconductor manufacturing*	*E-market for e-waste: an environmental management system for the United States*	*The Energy and Greenhouse Gas Emissions Impact of Telecommuting*
	9:00am-9:30am	*Energetic and Environmental Evaluation of Titanium Dioxide Nanoparticles*	*RFID for Managing Electronic Waste*	*Does Standardized High-Tech Park Development Fit Diverse Environmental Conditions: A Taiwan Case Study*
	9:30am-10:00am	*A Thermodynamic Metric for Quality Assessments in Manufacturing. Lead vs. Lead-Free Solders Case Study*	*Improving Environmental Information Handling and Data Exchange Within the Electronics Industry*	*The potential for domestic energy savings through assessing user behaviour and changes in design.*
	10:00am-10:15am	Refreshment Break **(Location TBD)**		
		Technical Session - *Alternative Fuels & Power Supply*	**Technical Session - *EOL International Markets and Supply Chains***	**Technical Session - *Education***
	10:15am-10:45am	*An Aggregated Inventory Model for Large Scale Biofuel Production*	*The recycling of excess and obsolete electronic systems. Current and future demands, requirements, and concerns.*	*Educating Engineers in the Anthropocene*
	10:45am-11:15am	*Comparison of Life Cycle Impact Assessment Tools in the Case of Biofuels*	*Sustainability perspective on the international reverse chain for reuse and recycling of computers*	*A Problem Based Learning (PBL) Module on Electronics & the Environment*
	11:15am-11:45am	*Alternative power supply for mobile phones*	*Estimation of Secondhand Personal Computer Import and Export in Asian Region*	*Assessing Impacts of Personal Electricity Consumption*
	11:45-12:15pm	*Key Carbon Emissions Reduction Strategies of Climate Leader Companies*	*The application of the International Resource Recycling System (IRRS) to encourage e-waste recycling in the Asia-Pacific region*	*State Legislatures and Other Policy Influences On Engineering Education*
	12:30pm-1:30pm	Lunch, Student Awards, Recognition of Committee in Exhibit Hall **(Location TBD)**		
		Panel Session - *Environmental Management*	**Technical Session - *End of Life in China***	**Technical Session - *DfE and Materials***
	1:45pm-2:15pm	*Using FMEA and FAHP to Risk Evaluation of Green Components*	*Rethinking of recycling and reuse options of obsolete Personal Computers in China*	*An integrated impact assessment and weighting methodology: evaluation of the environmental consequences of lead-free solder alternatives*
	2:15pm-2:45pm	*Brominated Flame Retardants - Voluntary Emissions Control Action Program*	*The New Process in Integrated E-waste Management in China*	*Product Design for Remanufacturing - rethinking design to facilitate integrated product service offerings*
	2:45pm-3:15pm	*Green Standards for Electronics - EPEAT Expansion and Beyond*	*Elevated Lead Levels in Newborns and Effect on Neonatal Neurobehavioral Development in Guiyu, China*	*Moisture Absorption Phenomena in Green Composite Printed Wiring Board Prototypes*
	3:15pm-3:45pm	*EPEAT Uncloaked: A Critical Examination of EPEAT*	*Investigation of Blood Chrome Levels in Umbilical Cords of Newborns in a Chinese E-waste Recycling Area*	*Microchip Reuse: Environmental Rationale and Design Implications*
	3:45pm-4:00pm	Refreshment Break **(Location TBD)**		
	4:00pm-5:30pm	Final Plenary Panel - Issues on Carbon Footprints **(Location TBD)**		