



















Conference-At-A-Glance

All TechConnect sessions take place in the TechConnect Marketplace in the Expo Hall unless otherwise noted.

 Fabrication, Characterization & Tools		 Advanced Materials		 Electronics & Microsystems		 Medical & Biotech		 Energy & Environment		 Business & Strategy	
Monday, May 4						Monday, May 4					
8:00		Keynotes: Nanotech & Cleantech & TechConnect, <i>General Assembly Theater</i> • Dan Arvizu - Director, National Renewable Energy Laboratory (NREL), U.S. Department of Energy - <i>The Nanotech Revolution in Renewable Energy</i> • Thomas Kallil, Office of Science and Technology Policy, The White House, US						8:00		• Ray O. Johnson - CTO, Lockheed Martin - <i>Innovation for a Secure Future</i> • Robert J. Kumpf - CAO, Bayer Material Science - <i>The Next Big Thing is Really Small</i>	
10:00		Coffee Break sponsored by Springer, <i>Main Foyer</i>						10:00		IP Track Sponsored by Foley & Lardner LLP	
10:30	Nanoscale Characterization, 361AD, p.65	NanoFab: CNT Deposition & Assembly, 370CF, p.66	Nanoelectronics: Nanophotonics, 370AD, p.66	Bio Nano Materials - 1, 351AD, p.65	EHS: Nano Toxicology Studies, 351CF, p.65	Nanotechnology: Global Review, 340AB, p.67	10:30				
	NanoFab: Fundamentals - self assembly, synthesis, and patterning, 370BE, p.66	Coatings & Surfaces: Hydrophobic/Hydrophilic, 360AD, p.65	MEMS & Wireless: Environment & Society Applications, 371AD, p.66	EHS - Nano Toxicology Studies, 351CF, p.65	Solar: Advanced Photoaics - 1, 310CF, p.67	TechConnect: IP Track - IP Licensing Strategies & Transactions, 350DE, p.53					
	NanoFab: CNT Deposition & Assembly, 370CF, p.66	Nanocomposites, 360CF, p.65	MEMS: InkJet Architectures, 371BE, p.66	Phage Nanotechnology, 351BE, p.66	Water: Market Opportunities, 310AD, p.67						
		NanoFab: Fundamentals - Assembly, synthesis & patterning, 370BE, p.66	NanoFab: Fundamentals - Assembly, synthesis & patterning, 370BE, p.66		Energy Storage - 1: Lockheed Martin Symposium, 330AB, p.67						
		Nanoparticles Synthesis & Applications, 360BE, p.65	Solar: Advanced Photovoltaics - 1, 310CF, p.67								
		EHS: Nano Toxicology Studies, 351CF, p.65									
		Bio Nano Materials - 1, 351AD, p.65									
12:00		LUNCH (on own)						12:00			
1:00	CNT: Composite Design, Characterization & Modeling: Lockheed Martin Symposium, 370CF, p.68	CNT: Composite Design, Characterization & Modeling: Lockheed Martin Symposium, 370C, p.68					1:00				
1:30	Nanoscale Characterization: Biomedical Applications, 361AD, p.68	Coatings & Surfaces: Hydrophobic/Hydrophilic 360AD, p.68	Nanoelectronics: Research & Applications - 1, 370AD, p.69	Nanoscale Characterization: Biomedical Applications, 361AD, p.686	Solar: Advanced Photovoltaics - 2, 310CF, p.70	TechConnect: IP Track - Navigating the IP waters: practice and possibilities in the EU & the US, 350DE, p.53	1:30				
	NanoFab: SPL METHODS - Bottom up assembly, 370BE, p.69	Bio Nano Materials - 2, 351AD, p.68	NanoFab: SPL METHODS - Bottom up assembly, 370BE, p.69	Bio Nano Materials - 2, 351AD, p.68		CTSI Special Symposium - Commercial Cleantech Innovation, 340AB, p.71					
	Biosensors & Diagnostics, 362AD, p.70	Nanoparticles - Dry Synthesis, 360BE, p.68	MEMS: InkJet Drop Formation, 371BE, p.69	EHS: Workplace Practices, 351CF, p.68	Water: Applications, 310AD, p.70						
	Polymer Nanotech: Computational Methods, Simulation & Software Tools, 361BE, p.69	Nanocomposites: Electrical Properties, 360CF, p.68	MEMS & Wireless: Increasing Human Safety, 371AD, p.69	Phage Nanotechnology, 351BE, p.69	CTSI Special Symposium - Commercial Cleantech Innovation, 340AB, p.71						
		EHS - Workplace Practices, 351CF, p.68	Solar: Advanced Photovoltaics - 2, 310CF, p.70	Biosensors & Diagnostics, 362AD, p.70							
		Polymer Nanotech: Computational Methods, Simulation & Software Tools, 361BE, p.69		Nano Medicine: Detection, Targeting, Delivery, 361CF, p.70							
		NanoFab: SPL METHODS - Bottom up assembly, 370BE, p.69									
		MEMS: InkJet Drop Formation, 371BE, p.69									
3:00		Coffee Break sponsored by Springer, <i>Main Foyer</i>						3:00			
3:00						TechConnect: License Your Portfolio, 350DE, p.53	3:00				
3:30		CNT: Synthesis, Separation & Application: Lockheed Martin Symposium, 370CF, p.72				CTSI Special Symposium - Commercial Cleantech Innovation, 340AB, p.74	3:30				
4:00	Nanoscale Characterization: Prox probe session, 361AD, p.72	Bio Nano Materials - 3, 351AD, p.71	NanoFab: Instrumentation Showcase - 1, 370BE, p.72	Bio Nano Materials - 3, 351AD, p.71	EHS - Nano Toxicology Studies, 351CF, p.72	TechConnect: Funding Track - Consortium Funding, 330AB, p.53	4:00				
	NanoFab: Tools and Instrumentation Showcase - 1, 370BE, p.72	Nanoparticles: Applications, 360BE, p.71	MEMS: InkJet Applications, 371BE, p.72	EHS: Nano Toxicology Studies, 351CF, p.72	Solar: Silicon, Thin Film, & III-V PV Cells & Modules, 310CF, p.73	TechConnect: Early Stage Funding in Lean Times, 370AD, (TBA)					
	Nanocomposites and Nanowires: Computational Methods, Simulation & Software Tools, 360CF, p.71	Nanocomposites and Nanowires: Computational Methods, Simulation & Software Tools, 360CF, p.71	MEMS & Wireless: Power, 371AD, p.73	Phage Nanotechnology, 351BE, p.73	Water: Industrial Treatment Applications, 310AD, p.74						
4:00		EHS: Nano Toxicology Studies, 351CF, p.72	Biosensors & Diagnostics, 362AD, p.73	Biosensors & Diagnostics, 362AD, p.73							
		Nanoscale Characterization: Prox probe session, 361AD, p.72	Solar: Silicon, Thin Film, & III-V PV Cells & Modules, 310CF, p.73								
		Polymer Nanotech: Nanostructured Surfaces: Patterning of Functional Polymers, 361BE, p.72									
		NanoFab: Instrumentation Showcase - 1, 370BE, p.72									
		MEMS: InkJet Applications, 371BE, p.72									
5:00						CTSI Special Symposium - Executives Roundtable Discussion, 340AB, p.74	5:00				
6:00	Welcome Reception - TechConnect World: Nanotech, Cleantech, TechConnect: Sponsored by Jackson Walker, <i>Main Foyer</i>						6:00				

 Fabrication, Characterization & Tools		 Advanced Materials		 Electronics & Microsystems		 Medical & Biotech		 Energy & Environment		 Business & Strategy					
Tuesday, May 5						Tuesday, May 5									
8:00		Keynotes: Nanotech & Cleantech & TechConnect, <i>General Assembly Theater</i> • Jeff Moseley, Greater Houston Partnership, President & CEO, US - Welcome TechConnect World to Houston • Paul Dickerson, HaynesBoone, former COO Office of Energy Efficiency & Renewable Energy, DOE, US - Can Uncle Sam Cure What Ails Clean Tech? • William H. White, City of Houston, Mayor, US - Welcome to Houston						8:00		• Larry Kellner, Continental Airlines, CEO, US - Flying into the Future: Continental's Commitment to the Environment • Anatoly Borisovich Chubais, Russian Corporation of Nanotechnologies, Director General, RU - RUSNANO: Driving the Nanotech Industry Growth					
8:30		WCM: Bulk MOS Models, 342AD, p.75		8:30											
10:00		Coffee Break, Sponsored by Springer Expo Hall Opens (10:00 - 6:00) Poster Set-up Expo Hall		10:00		TechConnect Marketplace - Expo Hall: Coffee Break Sponsored by Italian Trade Commission									
10:00		Research in Germany Workshop, 362E		10:00											
10:30		Nanoscale Characterization: Inverse space - Light/X-ray based, 361AD, p.75		Polymer Nanotech: Synthesis and Applications of Nanostructured Materials I, 361BE, p.75		Nanoelectronics: Research & Applications - 2, 370AD, p.76		Biosensors & Diagnostics, 351BE, p.76		Nanotech for Oil & Gas, 340AB, p.77		TechConnect Partnering Talks: BASF, BP, Genzyme, Medtronic, GlaxoSmithKline, Merck, Applied Materials, Lockheed Martin, Room A & B, p.54			
		NanoFab: Alternative Top-down Fabrication Modes, 370BE, p.76		Nanoscale Characterization: Inverse space - Light / X-ray based, 361AD, p.75		NanoFab: Alternative Top-down Fabrication Modes, 370BE, p.76		Bio Energy: Novel Technologies & Projects, 310BE, p.77		Bio Energy: Novel Technologies & Projects, 310BE, p.77					
		Biosensors & Diagnostics, 351BE, p.76		Nanoparticle: Company Showcase, 360BE, p.75		MEMS & NEMS: Sensors & Systems, 371AD, p.76		Nanotech for Cancer, 351AD, p.77		Solar: Technology to Business Review, 310CF, p.77					
				NanoFab: Alternative Top-down Fabrication Modes, 370BE, p.76		Biosensors & Diagnostics, 351BE, p.76				Energy Storage Technology, 330AB, p.77					
				Nanotech for Cancer Prevention, Diagnosis and Treatment, 351AD, p.77		Solar: Technology to Business Review, 310CF, p.77									
				Nanotech for Oil & Gas, 340AB, p.77		WCM: Bulk/SOI Models, 342AD, p.76									
11:00		MEMS: Computational Methods, Simulation & Software Tools, 371BE		Coatings, Surfaces and Interfaces: Electrical and Optical Applications, 360AD, p.75		Coatings, Surfaces and Interfaces: Electrical and Optical Applications, 360AD, p.75		Nanotech for Neurology, 351CF		Water: Treatment & Distribution, 310AD, p.77		11:00			
				Carbon Nano Structures: Growth, 370CF, p.75		MEMS: Computational Methods, Simulation & Software Tools, 371BE, p.76									
12:00		Lunch (Available for purchase in Expo Hall)										12:00			
1:00				Solar: High Efficiency PV - 1: Lockheed Martin Symposium, 310CF, p.81		Solar: High Efficiency PV - 1: Lockheed Martin Symposium, 310CF, p.81		Solar: High Efficiency PV - 1: Lockheed Martin Symposium, 310CF, p.81				1:00			
1:30		NanoFab: Integration & Nanodevices, 370BE, p.79		Nanostructured Materials - Nanowires, 360AD, p.78		NanoFab: Integration & Nanodevices, 370BE, p.79		EHS: Policy, Regulation & Product Safety, 360CF, p.79		EHS: Policy, Regulation & Product Safety, 360CF, p.79		EHS: Policy, Regulation & Product Safety, 360CF, p.79			
		Nanoscale Materials Characterization: CNT, 361AD, p.78		Nanoparticle Release During the Life Cycle of Nanomaterials & Nanocomposites, 360BE, p.78		Nanoelectronics: Beyond-CMOS Nanoelectronics, 370AD, p.79		Drug Delivery, 351CF, p.80		Nanotech & Cleantech for Oil & Gas, 370CF, p.80		TechConnect IP: Advanced Materials, Room A, p.54			
		Surfaces and Interfaces: Computational Methods, Simulation & Software Tools, 361CF, p.79		Polymer Nanotech: Creation and Application of Nanostructured Materials II, 361BE, p.79		MEMS & NEMS: Novel Materials, Processes & Devices, 371AD, p.79		Biosensors & Diagnostics, 351BE, p.80		Bio Energy - Novel Technologies & Projects, 310BE, p.80		TechConnect IP: Biotech & Medical, Room B, p.54			
				Nanoscale Materials Characterization: CNT, 361AD, p.79		Biosensors & Diagnostics, 351BE, p.80		Biology, Cancer & Nanotech Texas Symposium, 351AD, p.80		Water: Technologies & Wastewater, 310AD, p.81		TechConnect IP: Electronics & Microsystems, Room Cv55			
				Surfaces and Interfaces: Computational Methods, Simulation & Software Tools, 361CF, p.79		WCM: Multi-gate/nanowire/nanocube models, 342AD, p.80		Bio Energy - Novel Technologies & Projects, 310BE, p.80		Energy Storage Technology, 330AB, p.81		TechConnect IP: Energy & Efficiency, Room D, p.55			
				TechConnect IP: Advanced Materials, Room A, p.54		TechConnect IP: Electronics & Microsystems, Room C, p.55		TechConnect IP: Biotech & Medical, Room B, p.54		TechConnect IP: Energy & Efficiency, Room D, p.55					
				EHS: Policy, Regulation & Product Safety, 360CF, p.79											
3:00		TechConnect IP: Advanced Materials, Room A, p.56		TechConnect IP: Sensors & Microsystems, Room C, p.56		TechConnect IP: Biotech & Medical, Room B, p.56		TechConnect IP: Biotech & Medical, Room B, p.56		TechConnect IP: Water & Remediation, Room D, p.56		TechConnect IP: Advanced Materials, Room A, p.56			
										Bio Energy - Company Showcase, Expo Theater, p.83		TechConnect IP: Biotech & Medical, Room B, p.56			
										Energy Storage - 2: Lockheed Martin Symposium, 330AB, p.83		TechConnect IP: Sensors & Microsystems, Room C, p.56			
3:30		Nanotech & Cleantech for Oil & Gas, 370CF, p.83		WCM: Double-gate models, 342AD, p.82						Nanotech & Cleantech for Oil & Gas, 370CF, p.83		3:30			
4:00		Poster Session A - Expo Hall, Reception hosted by Opportunity Houston (4:00 - 6:00)										4:00			
4:00								Solar: High-Tech for Solar, 310CF, p.83		Solar: Semiconductor for Solar, 310CF, p.83		4:00			
4:30		TechConnect Ventures: Advanced Materials, Room A, p.57		Solar: Case Studies & Company Profiles, Expo Theater, p.93		TechConnect Ventures: Biotech & Medical, Room C, p.57		Solar: Case Studies & Company Profiles, Expo Theater, p.93		TechConnect Ventures: Advanced Materials, Room A, p.57		4:30			
										TechConnect Ventures: Biotech & Medical, Room C, p.58					
										TechConnect Ventures: Energy & Efficiency, Room B, p.58		TechConnect Ventures: Energy & Efficiency, Room B, p.57			
5:00		Nano World Headquarters Reception, serving Saint Arnold Brewing Company, Texas' Oldest Craft Brewery - 5:00 pm, Booth 905										5:00			
6:00		Lockheed Martin Networking & Showcase Reception (Invitation Required)				Expo Close - 6:00				TechConnect Networking Reception, Expo Hall-Session Rooms-TechConnect				6:00	

 Fabrication, Characterization & Tools		 Advanced Materials		 Electronics & Microsystems		 Medical & Biotech		 Energy & Environment		 Business & Strategy													
Wednesday, May 6												Wednesday, May 6											
8:00 Keynotes, General Assembly Theater: R. James Woolsey, VantagePoint Venture Partners - Energy in the 21st Century: Muir, Patton, and Gandhi												8:00											
8:30 Keynote Panel, The Future of Energy, General Assembly Theater: Patti Glaza CTSI Moderator • Doyle Beneby, Exelon, President, Exelon Power, US • John Baker Jr., Austin Energy, CSO, US												8:30 • Curtis R. Frasier, Shell, VP Americas, US • Matt Simmons, Chairman, Simmons & Company, US • Jeff Renaud, Director, GE Ecomagination, US											
8:30												WCM: Bulk MOS Models, 342 AD, p. 96											
10:00 Coffee Break, Expo Hall, Poster Set-up												TechConnect Marketplace - Expo Hall: Coffee Break Sponsored by Italian Trade Commission											
10:30 Nanoscale Characterization: Spectroscopy, 361AD, p.96												10:30											
Computational Methods, Simulation & Software Tools: Electronic Materials, 360CF, p.97												Nanostructured Coatings Applications - 1, 360AD, p.96											
NanoFab: DPN Applications, 370BE, p.97												NanoFab: DPN Applications, 370BE, p.97											
												Micro & Nano Fluidics: Transport, 351AD, p.97											
												Nanotech for Cancer, 351BCEF, p.97											
												Solar: Integration & Case Studies, 310CF, p.98											
												TechConnect IP: Advanced Materials, Room A, p.59											
												Energy Storage: Fuel Cells, 310AD, p.98											
												TechConnect IP: Biotech & Medical, Room B, p.60											
												WCM: Statistical/variation/numerical models, 342AD, p.97											
												TechConnect IP: Energy & Efficiency, Room D, p.61											
												TechConnect IP: Biotech & Medical, Room B, p.60											
												Carbon Nano Structures: High performance materials, 370CF, p.97											
												TechConnect IP: Sensors & Microsystems, Room C, p.60											
												TechConnect IP: Advanced Materials, Room A, p.59											
												TechConnect IP: Energy & Efficiency, Room D, p.61											
												Green Chemistry, 350DE, p.98											
12:00 Lunch (Available for purchase in Expo Hall)												12:00											
1:00												TechConnect Partnering Talks: Lockheed Martin, Eastman Kodak, Philips, Samsung, Dow Chemical, Omron, Sanyo, Room A & B, p.61											
1:30 Poster Session B - Expo Hall (1:30 - 3:30)												Expo Close - 4:00											
1:30												WCM: RF/noise/capacitance models, 342AD, p.96											
2:30												Nanotech for Cancer, Room 351BCEF, p.99											
3:00 Nanoscale Characterization: Vendor Showcase, 361AD												Solar: High Efficiency PV - 2: Lockheed Martin Symposium, 330AB											
												TechConnect Venture: Biotech & Medical, 310BE, p.62											
												Solar: Case Studies & Company Profiles, Expo Theater, p.100											
												Solar: Case Studies & Company Profiles, Expo Theater, p.100											
												Solar: High Efficiency PV - 2: Lockheed Martin Symposium, 330AB, p.108											
												TechConnect Venture: Advanced Materials, 310AD, p.61											
												Smart Grid: Lockheed Martin Symposium, 340AB, p.108											
												TechConnect Venture: Biotech & Medical, 310BE, p.62											
												TechConnect Venture: Water, Environment & Efficiency, 310CF, p.62											
												TechConnect Venture: Water, Environment & Efficiency, 310CF, p.62											
3:30												MEMS & NEMS: Molecular & Gas Sensors, 371AD, p.110											
												Nano Bio Materials & Tissues, 351AD, p.110											
												Hydrogen - Storage and Technology, 320BE, p.110											
												Nanoelectronics: The need for international standards, 370AD, p.109											
												Nanotech for Cancer Prevention, Diagnosis and Treatment, 351BCEF, p.110											
												NanoFab: Tools and Instrumentation Showcase - 2, 370BE, p.109											
												NanoFab: Tools and Instrumentation Showcase - 2, 370BE, p.109											
												Micro & Nano Fluidics - Applications, 351AD, p.110											
												WCM: Parameter extraction/circuit design, 342AD, p.110											
												Carbon Nano Structures: Growth, Functionalization and Nanocomposites, 370CF, p.109											
												TechConnect Venture: Sensors & Systems, 310AD, p.63											
												TechConnect IP: Pharma & Drugs, 310BE, p.63											
												TechConnect Venture: Solar, 310CF, p.64											
												TechConnect Venture: Sensors & Systems, 310AD, p.63											
												TechConnect IP: Pharma & Drugs, 310BE, p.63											
												TechConnect Venture: Solar, 310CF, p.64											
5:00												TechConnect Venture: Solar, 310CF, p.64											
6:00 NSTI & CTSI Networking Reception, Main Foyer												6:00											
Thursday, May 7												Thursday, May 7											
8:30 Computational Methods, Simulation & Software Tools: Micro and Nano Fluidics, 370BE, p.112												8:30											
												Nano Bio Materials & Tissues: Cell Supports and Scaffolds, 351AD, p.112											
												Nanotech Business & Education Initiatives, 360CF, p.112											
												Cancer Nanotechnology: Clinical Translation Panel, 351BE, p.112											
												Nanoparticles - Wet Synthesis, 360BE, p.112											
												Nanoparticles: Wet Synthesis, 360BE, p.112											
												Nanostructured Materials and Devices, 360AD, p.112											
10:00 Coffee Break, Main Foyer												10:00											
10:30 Nanoscale Characterization: Vendor Showcase, 360AD, p.113												10:30											
												Nano Bio Materials & Tissues, 351AD, p.113											
												Micro & Nano Fluidics: Simulation, 370BE, p.113											
												Micro & Nano Fluidics: Simulation, 370BE, p.113											
												Nano Bio Materials & Tissues, 351AD, p.113											