



TechFest (People parked in Lot A should obtain a FREE parking pass at the Registration Desk)

OUTSIDE: East Door Building 12, Traffic Circle

Start Time	Finish Time	Name of Presenter	Title of Presentation	Room
10:10 AM	6:00 PM	Dayton Amateur Radio Association	Emergency vehicle to demonstrate communications with law enforcement, medical, and fire departments during an emergency	Outside East Door
10:10 AM	5:00 PM	WPAFB Education Outreach Office	Tech Trek Mobile Lab --Scanning Electron Microscope (SEM), More!	
To Be Announced, Weather Permitting		Hesler Machine Tool	Demonstration running of 1903 Wright Flyer Engine Replica	

BUILDING 12

10:00 AM	10:20 AM	Jim Woessner, TechFest 2008 Chair Dan Curran, Ph.D., University of Dayton, Honorary Chair	Ribbon Cutting	Great Hall
10:10 AM	Closing	TechFest Souvenirs		121
Food Court: Snacks, Sandwiches, Salads, Drinks				171
10:30 AM	11:45 AM	Dr. John Fortman, WSU Chemistry Department	"Fires, Explosions, Thunder, and Lightning," A chemistry demonstration	Smith 150
10:45 AM	11:30 AM	Hank Fincken as Thomas Edison	"Electric Light Systems"	120
10:45 AM	11:30 AM	Jim Fitzgerald, NASA Educator	NASA Missions -"Robots Are All Around Us"	131
11:00 AM	11:45 AM	Chuck Sonshein	"The Magic of Math"	119
11:35 AM	12:20 PM	Col. Joe Zeis, B-2 Test Pilot	"Test Pilot-the Greatest Job in the Air Force"	120
12:00 PM	12:45 PM	Jim McCutcheon, The Guitar Man	"What's the ELECTRIC in Electric Guitar?"	Smith 150
12:15 PM	1:00 PM	Jim Fitzgerald, NASA Educator	NASA Missions -"Humans in Space"	131
1:00 PM	1:45 PM	Chuck Sonshein	"The Magic of Math"	119
1:15 PM	2:00 PM	Steve Frey, Inventors Council of Dayton	"Making You the Problem Solver"	120
1:00 PM	1:45 PM	Bonnie Dunbar, former NASA Astronaut	My Experience as a NASA Astronaut	Smith 150
1:30 PM	2:15 PM	Carlos Glender, MARS Society	"Get Your Ticket Now"	131
2:00 PM	2:45 PM	Hank Fincken as Thomas Edison	Strolling in Character	Great Hall
2:00 PM	2:45 PM	Richard Strode, ASC	"WAVE Kit" an overview	119
2:30 PM	3:15 PM	Col. Joe Zeis, B-2 Test Pilot	"Test Pilot-the Greatest Job in the Air Force"	120
3:00 PM	4:15 PM	Dr. John Fortman, WSU Chemistry Department	"Fires, Explosions, Thunder, and Lightening" A chemistry demonstration	Smith 150
3:30 PM	4:15 PM	Hank Fincken as Christopher Columbus	"Great Technology of the 15th Century"	120
4:15 PM	5:00 PM	Jim Fitzgerald, NASA Educator	NASA Missions-"New Rockets for Human Spaceflight"	131
4:15 PM	5:00 PM	Richard Strode, ASC	"WAVE Kit" an overview	119
Continuous	Open for browsing and questions until closing	Gary Ganger, Dayton Microcomputer Association	Computer Museum. Examine generations of computer styles and technology. See how computers have changed.	113
		National Engineering and Science Hall of Fame Foundation	Engineering and Science Hall of Fame. Tour with interpreters at scheduled times. TEST YOUR KNOWLEDGE of Famous Scientists!	165

BUILDING 14

Continuous	Open for browsing and answering questions until closing	Sinclair Community College and Miami Valley Tech Prep Consortium	See students in action on the giant TV screen	Building 14
			CATERPILLAR HEAVY EQUIPMENT SIMULATOR: "Drive the Big CAT"	
			The Bridge Challenge: Build 4 new bridges for the city of Craggy Rock	
			The Tunnel Challenge: See how long it takes you dig a mile-long tunnel--choose a location, pick a tunnel-digging technique	
			The Skyscraper Challenge: Investigate 3 buildings in 3 major cities & fix them	
			The Dome Challenge: Char County is the hottest region in the state. The sizzling sun has caused lots of problems. Use engineering skills to match 3 perfect domes to the right places for 3 very different reasons.	
			MIAMI VALLEY TECH PREP CONSORTIUM: See how you can begin STEM Careers in high school.	

Covered Walkway (Skywalk) at Building 13

Continuous	Artist's renditions of Great Achievers. Handouts at the entrances contain a short biographical sketch of each. There are two quizzes to stimulate your interest. This is a great learning experience that is part of Sinclair Community College.	Covered Walk at Bldg. 13
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BUILDING 13 AIM Center -- Exciting Activities!

10:30 AM	11:00 AM	Dayton Power & Light (DP&L)	Electrical safety demonstration using 7200 volt overhead distribution setup. Dangers of high voltage energized conductors are made visual. Presentation are interactive with youth. Scheduled presentation plus open for one-on-one discussions between demonstrations.	
11:30 AM	12:00 PM			
1:30 PM	2:00 PM			
2:30 PM	3:00 PM			
3:30 PM	4:00 PM			
Continuous	Open for browsing and answering questions until closing.	American Welding Society, Motoman, Inc. and Hobart Institute	Live demo of arc welding with information on welding automation, welding education, and career opportunities.	Building 13
		Miami Valley Society of Plastic Engineers	Uses and benefits of plastics - stressing recycling of all plastics	
		Society of Manufacturing Engineers - Kettering Tech Prep	Operation and demonstrations of IQ-Bots (i.e., battle bots)	
Continuous, Wait Your Turn	Closing	Jeffrey R. Fryman, Segway HT Certified Instructor	Rides on a Segway transporter and how it works! Parent/Guardian Permission Required with Valid Driver's License / 100 lbs. Minimum child size.	
Continuous	Open for browsing and answering questions until closing.	Sinclair Community College, Dave Dilley, AIM Center Director, Advanced Integrated Manufacturing Center	Demos of automated manufacturing technologies with samples	
Continuous, Wait Your Turn	Closing	Sinclair Community College, Aviation Technology Department	Computer Flight Simulator Lab has computer simulation stations to test your ability to operate an aircraft correctly. This includes taxiing, takeoff, carrying out standard coordinate turns, dead reckoning flight between two points and landing. These activities can be with various wind conditions. Two computer flight simulators - sign-ups for age 12 and older.	

SATURDAY'S PROGRAM CLOSSES AT 6:00 PM



SUNDAY Program Schedule

TechFest 2008, 11:00 AM - 5:00 PM



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OUTSIDE: East Door Building 12, Traffic Circle

Start Time	Finish Time	Name of Presenter	Title of Presentation	Room
11:00 AM	4:30 PM	Dayton Metro Library	Dayton Metro Library Bookmobile -- Books on explorers, inventors, scientists, engineers ...	Outside East Door
		Dayton Amateur Radio Association	Emergency vehicle to demonstrate communications with law enforcement, medical, and fire departments during an emergency	
12:00 PM	4:00 PM	WPAFB Education Outreach Office	Tech Trek Mobile Lab --Scanning Electron Microscope (SEM) and More!	
To be announced, weather permitting		Hesler Machine Tool	Demonstration running of 1903 Wright Flyer engine Replica	

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2:15 PM	3:30 PM	Dr. John Fortman, WSU Chemistry Department	"Fires, Explosions, Thunder, and Lightning!" A chemistry demonstration	Smith 150
2:15 PM	3:30 PM	Craig Jarrett, MARS Society	"Living Here on MARS" -- Arctic Research Project	120
2:30 PM	3:15 PM	Richard Strode, ASC	"Waves in the World Around Us" ASC Waves Science Kit	119
3:15 PM	4:00 PM	Hank Fincken as Thomas Edison	"The Light Bulb, The Phonograph to I POD, The Video"	120
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BUILDING 14 -- Learning Activities, on path between Building 12 and Building 13

Continuous	Open for browsing and answering questions until closing	 Sinclair Community College and Miami Valley Tech Prep Consortium	See students in action on the giant TV screen	Building 14
			CATERPILLAR HEAVY EQUIPMENT SIMULATOR: "Drive the Big CAT"	
			The Bridge Challenge: Build 4 new bridges for the city of Craggy Rock	
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TestFest 2008 Closes at 5:00 PM. Thank you for participating.
 We hope you had a fun time. Please send comments to: ASC@dnaco.net
 TechFest 2009 will be on Saturday and Sunday, February 14 and 15, 2009