

TechFest 2005 Organizations

Great Hall

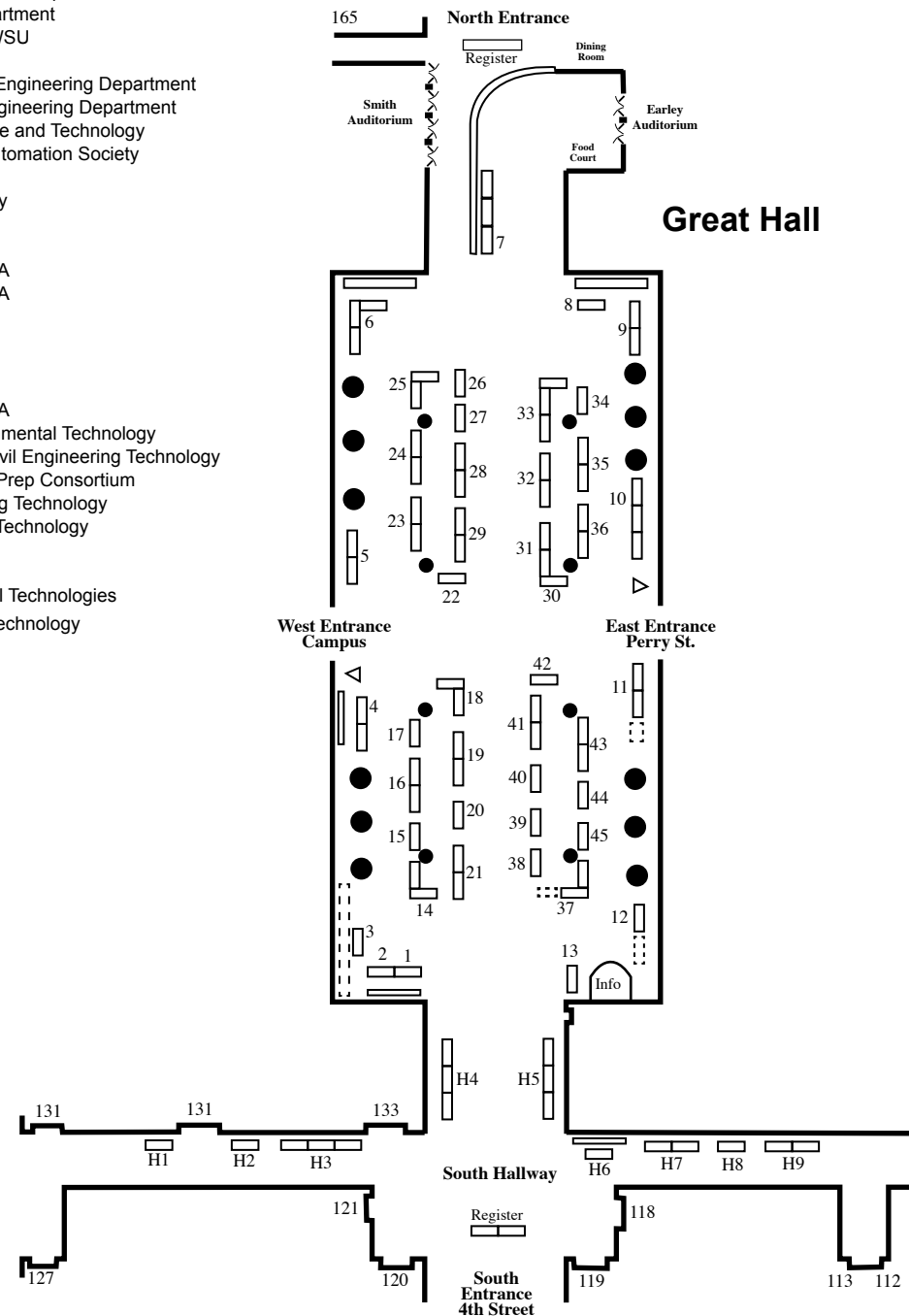
- 1 AFIT-PA Air Force Institute of Technology-Public Affairs
- 2 AFIT-TBP AFIT Tau Beta Pi, Aero & Mech Engr
- 3 NMUSAF National Museum United States Air Force
- 4 LMCO Lockheed Martin Corp
- 5 FDCU First Day Credit Union
- 6 DACW Dayton Advocates for Computing Women & ACM Greater Dayton Association for Computing Machinery
- 7 ASCE American Society of Civil Engineers
- 8 AMS American Meteorological Society-Wright Mem Chap
- 9 Bricker Painting airplanes and weather
- 10 WoW-AIAA-1 Wizards of Wright w/AIAA
- 11 TMS-OH The Mars Society - Ohio Chapter
- 12 MVAS Miami Valley Astronomical Society
- 13 SWE Society of Women Engineers
- 14 WSU-PSY WSU Psychology Department
- 15 WSU-Physics WSU Physics Department
- 16 WSU-Biology WSU Biological Sciences Department
- 17 WSU-CoSM WSU College of Science and Math
- 18 CSU-NSBE CSU Manufacturing Eng & Nat Soc Black Eng
- 19 WSU-Geology WSU Geological Sciences Department
- 20 WSU-Chemistry WSU Chemistry Department
- 21 WSU-IEQ Inst for Environ Quality @ WSU
- 22 ASC Affiliate Societies Council
- 23 UD-ECE UD Electrical and Computer Engineering Department
- 24 UD-CME UD Chemical & Materials Engineering Department
- 25 IEST Institute of Environmental Science and Technology & ISA Instrumentation Systems and Automation Society
- 26 UD-Physics UD Physics Department
- 27 UD-SX UD Sigma Xi, Research Society
- 28 UD-BBB UD Biology -Beta Beta Beta
- 29 UD-Biology UD Biology Department
- 30 WoW-AIAA-2 Wizards of Wright w/AIAA
- 31 WoW-AIAA-3 Wizards of Wright w/AIAA
- 32 CHP Carillon Historical Park
- 33 ICOD Inventors Council of Dayton
- 34 NCC National Composite Center
- 35 ACS American Chemical Society
- 36 WoW-AIAA-4 Wizards of Wright w/AIAA
- 37 SCC-FS/ET SCC Fire Science/Environmental Technology
- 38 SCC-ID/CET SCC Industrial Design/Civil Engineering Technology
- 39 SCC-MVTPC SCC Miami Valley Tech Prep Consortium
- 40 SCC-EET SCC Electronics Engineering Technology
- 41 SCC-ACT SCC Automation & Control Technology
- 42 HMT Hesler Machine Tool
- 43 SCC-AT SCC Aviation Technology
- 44 SCC-EIT SCC Engineering & Industrial Technologies
- 45 SCC-TMT SCC Tooling & Machining Technology

South Hallway

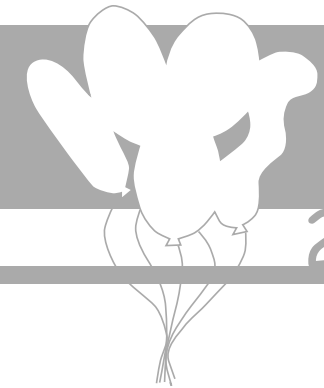
- H1 Experi-Center Community Park Learning Center, Miamisburg, OH
- H2 ASMI American Society for Metals International
- H3 ASQ American Society for Quality & IIE Institute of Industrial Engineers
- H4 PMI Project Management Inst, Dayton/Miami Valley Chap
- H5 SAFE SAFE Assoc.- Wright Bros Chapter
- H6 UD-EO UD Electro-Optics Program
- H7 AFRL-MLPS Materials Lab, AFRL
- H8 CF-USA Camp Fire USA
- H9 DMA Dayton Microcomputer

Earley Auditorium (see inside)

- E1 BMD Boonshoft Museum of Discovery
- E2 Segway Jeffrey R. Fryman
- E3 ECFD Engineers Club Foundation of Dayton
- E4 NPS Nat Park Srv-Dayton Avia Heritage Nat Historical Park
- E5 NAHF National Aviation Hall of Fame
- E6 UD-MAE UD Mechanical and Aerospace Engineering
- E7 WSU-CECS WSU College of Engineering and Computer Science
- E8 SAE Society of Automotive Engineers
- E9 SME Society of Manufacturing Engineers-Kett Tech Prep



Welcome to TechFest



2005

This community educational outreach event is supported by the Engineering and Science Foundation of Dayton a component fund group of The Dayton Foundation.

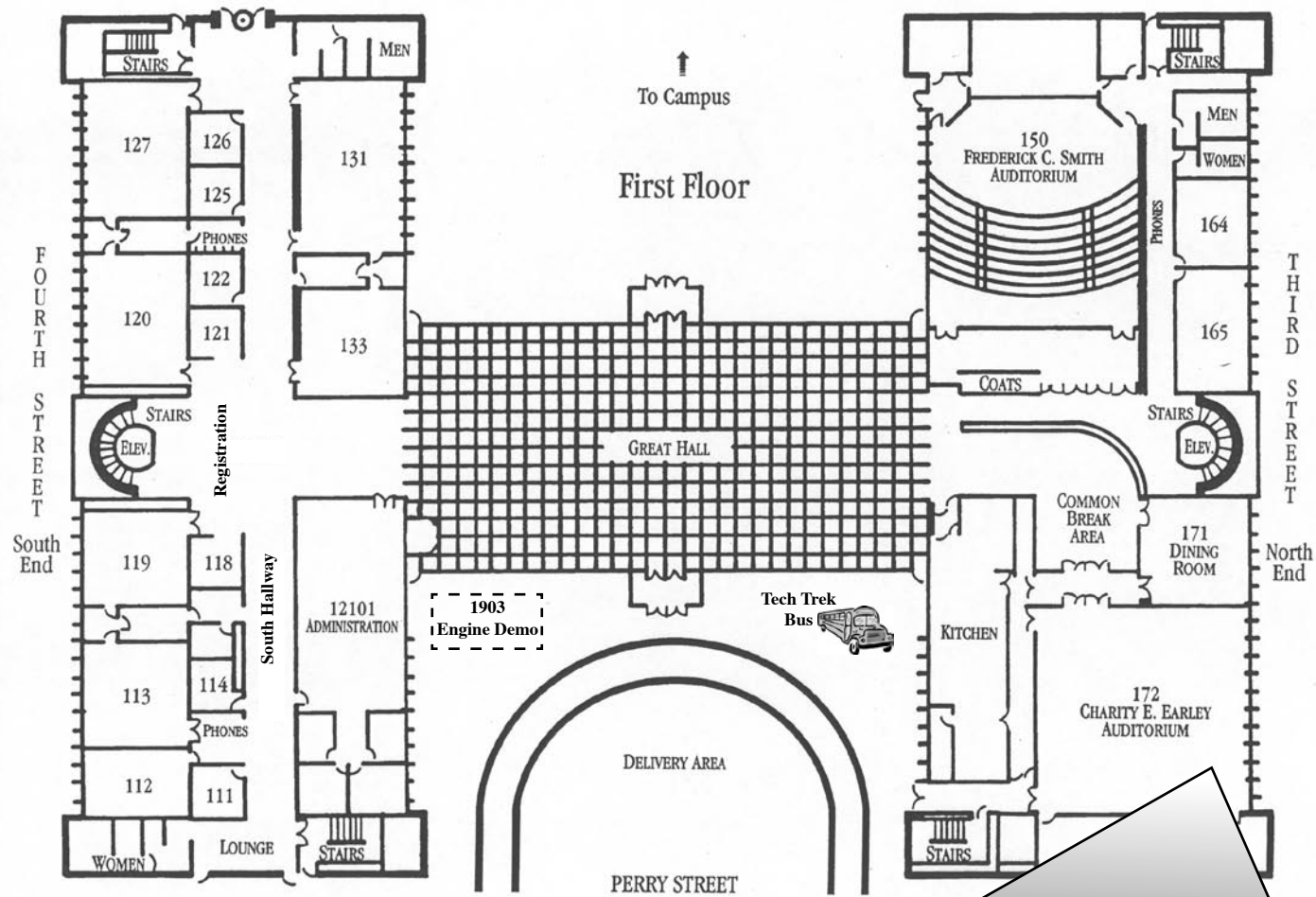
It is planned and conducted by volunteers from member societies of the Affiliate Societies Council (ASC) of Dayton.

This event is dedicated to Dayton/Miami Valley Youth who are the future of this progressive region.



February 19-20, 2005

David H. Ponitz Sinclair Center



TechFest 2005 Donations

- Over \$4,000**
- Engineering and Science Foundation of Dayton
 - General Dynamics
 - Sinclair Community College
 - Universal Technology Corporation (UTC)
- \$1,001 - \$2,000**
- AFCEA - Dayton Wright Chapter
 - First Day Financial, Federal Credit Union
- \$1,000 or less**
- Advanced Information Engineering Services
 - American Chemical Society (ACS)
 - ASM, International
 - Bob Gran
 - Cummins Engines
 - Institute of Industrial Engineers (IIE) Dayton Chapter
 - Lockheed Martin
 - LOGTEC
 - Lyle Lockwood
 - Society of Manufacturing Engineers (SME)
 - Harry Koenigsberg
 - Dayton Supply & Tool
 - Sterling PCU
 - NASA

Volunteer Presenters

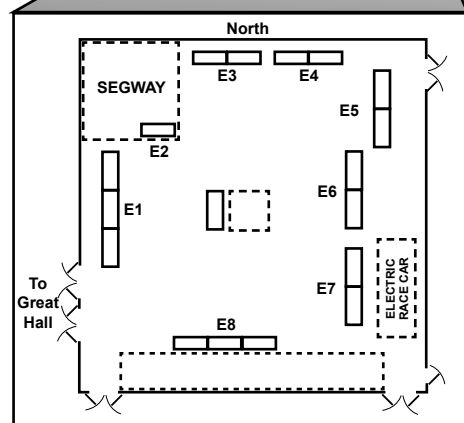
- Richard Strode
- Andy Thurling
- John Janning
- Steve Frey
- Lyle Kelly
- Terry Hesler
- Ursuline Academy Students
- Dr. Todd Smith

IMAX Tickets and Door Prizes

- All Services Plastic Molding (ASPM)
- Ball Aerospace, Dayton Office
- Boonshoft Museum of Discovery
- The Boeing Company
- Carillon Historical Park
- Dayton T. Brown, Inc
- Dell Federal Systems
- Denton ATD, Inc

- First Technology Safety Systems
- General Dynamics - AIES
- Gentex
- Goodrich Aerospace
- Honda Research & Development
- Kayser-Threde North America
- Lockheed Martin Dayton Office
- Lunar Technology
- Manufacturers Assemblies Corp. (MAC)

- MINCO Tool & Mold
- Project Management Institute (PMI), Dayton/Miami Valley Chapter
- Raytheon Corporation
- SAFE - Wright Brothers Chapter
- SAMPE Midwest Chapter
- Audrey Brewer, Al Karl, Harry Koenigsberg, Ron Julian



Earley Auditorium
Room 172

TechFest 2005 Schedule of Events

Saturday, February 19, 2005			
Time	Smith Auditorium	Room 120	Room 127
10:00	Ribbon Cutting in Great Hall by Honorary Chair Dr. David H. Ponitz		
10:30			
11:00		"The Real Magic of Science" - Steve Frey	Hank Fincken Portraying Henry Ford: Driving Force in America
11:30	Demonstrating the Chemistry of Modern Materials Dr. John Fortman		
12:00			"Building a Mars Rover Prototype" by Ursuline Academy Students
12:30	N/A	Brian Duffy - Former Astronaut	
1:00	Talk with NASA Astronaut Kevin Ford		
1:30		"Creativity" by John Janning	Hank Fincken Portraying Henry Ford Leads a Town Meeting
2:00	N/A		
2:30	What's in Physics? Dr. Dave Willey		
3:00		"Earning Your Wings" Lt. Col. Andy Thurling - Test Pilot	"Back to the Future - Getting Serious about Space" - by the Mars Society
3:30	N/A		
4:00	Guitar Man does Science! Jim McCutcheon		
4:30		Brian Duffy - Former Astronaut	Hank Fincken Portraying Henry Ford: Driving Force in America
5:00	What's in Physics? Dr. Dave Willey		
5:30			
6:00	Saturday Program Closes at 6:00 PM		

Sunday, February 20, 2005			
Time	Smith Auditorium	Room 120	Room 127
10:00	Program Starts at 11:00 am on Sunday		
10:30			
11:00		Brian Duffy - Former Astronaut (11:15 to Noon)	
11:30	Demonstrating the Chemistry of Modern Materials Dr. John Fortman		Hank Fincken Portraying Henry Ford: Driving Force in America
12:00			
12:30	Guitar Man does Science! Jim McCutcheon	World Year of Physics 2005 "1905-The Miraculous year of Einstein" - Dr. Todd Smith	"Building a Mars Rover Prototype" by Ursuline Academy Students
1:00	Talk with NASA Astronaut Kevin Ford		
1:30			Hank Fincken Portraying Henry Ford Leads a Town Meeting
2:00		"Earning Your Wings" Lt. Col. Andy Thurling - Test Pilot	
2:30	What's in Physics? Dr. Dave Willey		"Back to the Future - Getting Serious about Space" - by the Mars Society
3:00		"The Real Magic of Science" - Steve Frey	
3:30	Guitar Man does Science! Jim McCutcheon		Hank Fincken Portraying Henry Ford: Driving Force in America
4:00			
4:30			
5:00	TechFest 2004 Closes at 5:00 PM (Sunday)		

Most sessions will last for 50 minutes.

Time	Saturday, Feb. 19, 2005	Sunday, Feb. 20, 2005	Room
Introduction and Explanations on the Hour and Half-hour	Engineering & Science Hall of Fame		Room 165
Demonstrations at 11:30 AM & 2:30 PM	Waves Science Kit by Richard Strode		Room 119
TOUR at 2:00 PM	Robotics/Automation Control		Building 11
TOURS at 11 AM, 1 PM, 2 PM, 3 PM, & 4 PM	Computer Museum		Room 113
TOUR at 3:30 PM	Advanced Integrated Manufacturing (AIM) Center		Building 13
2:00 PM & 5:00 PM	NASA Quest to Understand and Protect Our Home - The Earth by Jim Fitzgerald		Room 131
Noon & 3:00 PM		NASA Solar System Missions - Planets, Asteroids, Comets and the Sun by Jim Fitzgerald	Room 131
11:00 AM & 2:00 PM	Demonstration of 1903 Wright Brothers Engine by Hesler Machine Tool		Great Hall Perry Street (east) Entrance
Noon & 3:00 PM		Demonstration of 1903 Wright Brothers Engine by Hesler Machine Tool	Great Hall Perry Street (east) Entrance