

TCF-2014 Saturday Talks & Forums — 15 March 2014, 9am—5pm, Indoor Flea Mkt opens 9am

ED = New Education Building RWH = Roscoe West Hall

Subject to Last Minute Change

	ED-115	ED-211	ED-209	ED-208	ED-207	ED-206	ED-113	ED-109	ED-107	ED-105	ED-110	ED
Saturday	Microsoft	IT-PC	Computer Business	Robotics	New Technology	Education & STEM	Mobile Computing	Software/ Apps	Arduino Workshop	OOP University	Amateur Radio	Exhibits
10:15am to 11:10am	Bitcoin - Currency for the Future or the Past? <i>D. Libes</i>	Strange Physical Layer World of the Industrial Ethernet <i>M. Nager</i>	Supporting Manufacturing Computer Systems <i>C. Ahiwe</i>	TCNJ Robotic Assisted Hand <i>M. Colon</i>	Software-Defined Radio Dongles for VHF/UHF Reception <i>M. Flippi</i>	Getting Started: PCs/Pads, Internet & Digital Photography <i>H. Hinitz</i>	GPS Secrets Updated <i>C. Lewart</i>	Workshop on Developing Apps for Android <i>B. Burd</i>	Introduction to Arduino <i>(Presentation)</i>	Introduction to OOP Design Principles <i>M. Redlich</i>	Ham Cram 101	Special Exhibits and Demos Quadcopter Demonstration Digital Photo Exhibit 3D Printer/ RepRap Demos by IEEE-PCJS from 10:00am to 1:00pm in Room ED-200 Historic Computers from M.A.R.C.H. Clubs Tour the Sarnoff Museum of Historic Technology (9am-3pm in RWH)
11:20am to 12:15pm	Workshop on Keeping Your Computer Bug Free & Tips on Windows 8.1 <i>R. Kessler</i>	Social Media Opportunities <i>D.Hsu</i>	Stock Market Timing Using Neural Networks <i>D.Fishbein</i>	Tour Guiding Robot <i>H. Billmers</i>	TCF@40 <i>A. Katz</i>	Updated Guide to Best Web Sites & Search Engines <i>E. Kaplan</i>	Where did Mobile Computing Come From? <i>E. Koblentz</i>		Hands-On with Arduino <i>(Limited Space; Bring Your Laptop!)</i>	Getting Started with C++ <i>M. Redlich</i>	Ham Radio License Exam Preparation Course	
12:25pm to 1:20pm		Continuing Education and Skills Development <i>S. Schueller</i>	Internet Job\$\$\$ <i>D. Hsu</i>	TCNJ Autonomous Ground Vehicle <i>J. Scott</i>	IoT Keeping Track of Your Things <i>J. Jesson</i>	How Augmented Reality can Empower Teachers and Students <i>C. Kapp</i>	Google Glass <i>B. Burd</i>	Visualize the Brain in 3D <i>X. Wei</i>	Advanced C++ <i>M. Redlich</i>	Ham Cram Session begins at 9:00am and goes to 12:30pm		
1:30pm to 2:25pm	Microsoft Office in 2014 <i>D. Soll</i>	The Do's and Don'ts of Data Visualization <i>J. Shin</i>	Business 101 for Techies <i>M. Streitman</i>	A Low-Profile Antenna for SATCOM on the Move <i>K. Burden</i>	Evolution of Console Computer Games <i>R. Amidon</i>	Why Computer Science Education is Good <i>D. Detrick</i>	Cloud Services <i>J. Budelis</i>	Python on the Raspberry Pi <i>B. Brutzman</i>	Arduino on the Network	Getting Started with Java <i>M. Redlich</i>	Practice Exam given at 1:30pm	
2:35pm to 3:30pm	Featured Keynote Speaker: Joseph Salvo, Manager, Complex Systems Engineering Laboratory, GE Global Research, will talk on "The Internet of Things" in Room ED-115										Walk-in Real Exam given at 3:40pm	
3:40pm to 4:35pm	Introduction to Windows 8 <i>D. Soll</i>	What the Internet of Things will mean to CIOs <i>N. Chughtai</i>	Manage Your Career <i>B. Prasanna</i>	Robotics - An Introduction <i>O. Hernandez</i>	From Spark Gap to Software Defined Radio (SDR) <i>J. Jesson</i>	Discovering Your Personal Brand <i>J. LeMasney</i>	Building a Public WiFi System <i>D. Ferguson</i>	Computer Anamorphic Art <i>W. Silverman</i>	Controlling the World with Arduino <i>P. Bergsman</i>	Advanced Java <i>M. Redlich</i>	Conducted by the David Sarnoff Radio Club www.n2re.org	

2014 Trenton Computer Festival — Saturday, 15 March 2014

Keynote Speaker (2:35pm): This year's Keynote Speaker, **Joseph Salvo**, will speak on The Internet of Things (IoT). IoT lets you locate, control and communicate with objects anywhere in the world. It could be a package, or the thermostat in your house, or a remote camera ... The Internet is not just for "people" but also for "things"! The keynote will introduce us to this technological breakthrough that is changing the World. Dr. Salvo is a leader and innovator in the development of IoT.



2:35pm - Featured Keynote Speaker: Joseph Salvo, Manager, Complex Systems Engineering Lab for GE Global Research, in Room ED-115

Featured Technical Speaker, Barry Burd (12:25pm): See a demo of Google Glass's features and try the device for yourself! Learn how simple Glass Apps are created. using the Mirror API and the GDK (Glass Development Kit).



Object-Oriented Programming University: Offers a one-day introduction to object-oriented programming by Mike Redlich, President of ACGNJ.
Tour the Sarnoff Museum Collection of Historic Video and Electronic Technology: in Roscoe West Hall at TCNJ. Open from 9am to 3pm.

TCF'14 Saturday Evening Banquet

Featuring a talk on **"The Industrial Internet Meets Cloud Manufacturing"** by **Joseph Salvo**
GE Complex Systems Engineering Lab.
6:00pm - 1855 Room, Eickhoff Hall
Admission: \$25
Tickets available on the TCF website www.tcf-nj.org (by March 10th).
Pick up tickets on Sat. at VIP/Speakers desk.

Friday - ITPC 2014 9th IEEE/ACM Information Technology Professional Conference at TCF

8:30am to 5:00pm in Armstrong Hall
Friday, March 14, 2013
(Conference registration required.)
Info/Fees: <http://princetonacm.acm.org/tcfpro>

www.tcf-nj.org