**The College of New Jersey Hosts
The 40th Anniversary of
THE ORIGINAL PERSONAL COMPUTER SHOW**

Trenton Computer Festival™

Dharmeshvaja - graphicriver.net

KEYNOTE SPEAKER:
Dan Rosenbaum,
Technology Journalist
and Award-winning
Writer,
Wearable Tech Insider,
speaks on
**"Approaching
Singularity"**

Focus on
**Wearable
Technology**
and Celebration
of the 40th TCF!

Admission: $10.00 (advance)
$12.00 at Gate
Free Parking
www.tcf-nj.org

@ The College of New Jersey, Ewing, NJ
Saturday, March 21, 2015
9:00 am –– 5:00 pm
Registration/Flea Market open at 9 am, Talks start at 10:15 am.

• Internet-of-Things
• Android Wear talk by author Barry Burd
• Google Gadgets • Android/iPhone Apps
• Raspberry Pi Tutorial and Projects

INDOOR FLEA MARKET & VENDOR FAIR

50+ Talks, Workshops, Tutorials, Demos and Special Events!

Object-Oriented Programming University: One Day of Short Courses

Microsoft Presentations and Special Workshop on "Safe Computing"

Quadcopter and 3D Printer Demos

Tour the Sarnoff Museum of Tech.

Robot Demos

MULTIMEDIA, SECURITY, WEARABLE TECHNOLOGY, PHOTOGRAPHY, HOME CONTROL, HISTORIC COMPUTERS and WIFI

Ham Cram Session & Exam: Get an Amateur Radio License in one day at TCF! Cram begins at 9 am

Arduino Developer/User Tutorial/Workshop

Hands-on Workshop on Introduction to Programming in the Cloud

IEEE/ACM IT PROFESSIONAL CONFERENCE
Friday March 20, 2015, 8:30 am — 5:00pm**
Continuing as part of TCF's Saturday Talks.
**For Conference Info and Fees See
http://princetonacm.acm.org/tcfpro/**

**For additional TCF'15 info,
directions and advance tickets:
www.tcf-nj.org**

DOOR PRIZES

IEEE Integrated STEM Education Conference (ISEC)**
Saturday, March 7 – 8:00 am — 5:00 pm
at Friend Center, Princeton University, NJ
Creating a Culture of Achievement
Info: http://ewh.ieee.org/conf/stem/

**The IT Pro (Friday) and ISEC Conferences require separate registrations.

The 2015 Trenton Computer Festival™ is sponsored by The College of New Jersey and its School of Engineering.

The 40th TCF — The College of NJ, Ewing, NJ

TCF-2015 Saturday Talks & Forums — 21 March 2015, 9am—5pm, Indoor Flea Mkt opens 9am

ED = New Education Building   RWH = Roscoe West Hall   FH = Forcina Hall   BSC = Brower Student Center   Subject to Last Minute Changes

	ED-115 Microsoft	ED-211 IT-PC	ED-209 Computer Business	ED-208 Applications	ED-207 Games & Technology	ED-206 Education & STEM	ED-113 Technology & Hardware	ED-112 History of Computing	ED-109 App Dev./History	ED-107 Arduino Workshop	ED-105 OOP University	ED-103 Amateur Radio	ED & RWH Exhibits
10:15am to 11:10am	Bitcoin - Currency for the Future or the Past? *D. Libes*	Software Development Apprenticeships *K. Thomas & C. Jaros*	Naming Structures for Improved Digital Organization *J. LeMasney*	**Workshop Introduction to Programming in the Cloud** *P. DePasquale * in FH-403 * (Forcina Hall Computer Lab)*	GPS Secrets Updated *C. Lewart*	Getting Started: PCs/Tablets, Internet & Digital Photography *H. Hinitz*	Satellite Reception Made Easy *M. Filippi*	Eighty Years of Computer Hobbyists *E. Koblentz*	**Workshop on Developing Apps for Android** *B. Burd*	**Introduction to Arduino** *(Presentation)*	Introduction to OOP Design Principles *S. Jenkins*	**Ham Cram 101 Ham Radio License Exam Preparation Cram Course** Ham Cram Session begins at 9:00am and goes to 12:30pm Practice Exam given at 1:30pm Walk-in Real Exam given at 3:40pm Conducted by the David Sarnoff Radio Club **www.n2re.org**	**Special Exhibits and Demos** 3D Printer & Design Demos by IEEE-PCJS from 11:00am to 1:00pm in RWH-2nd floor **Quadcopter Demo** **Digital Photo Exhibit** **Historic Computers from MARCH 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** *R. Kessler*	HIPAA Legal Rules *T. Alshugran*	Stock Market Timing Using Neural Networks *D.Fishbein*		TCF@50 *A. Katz*	Updated Guide to Best Web Sites & Search Engines *E. Kaplan*	How to Build a Scalar Network Analyzer *G. Heron*	ENIAC and the First TCF Keynote Speech *E. Koblentz*		**Hands-On with Arduino** *(Limited Space; Bring Your Laptop!)*	Getting Started with C++ *S. Jenkins*		
12:25pm to 1:20pm		New Breed of Spreadsheet Computing *E. Alda*	Internet Job$$$ *D. Hsu*	Get Started in Home Automation *N. Cherry*	Ralph Baer - Inventor of the Home Video Game *S. Marshall*	Workshop on Creating Real-Time Streaming Live Video *O. & M. Rivera*	Two Raspberry Pi Tutorials and Demos *J. Jesson*	Workshop Fixing Broken Vintage Computers *C. Cohen*	Introduction to the Vintage Computing Hobby *J. Brace*		Advanced C++ *S. Jenkins*		
1:30pm to 2:25pm	**Microsoft Office in 2015** *D. Soll*	Future of Mobile Cloud Computing *Z. Nossire*	Invention, Patents and Manufacturing *M. Streitman*	Social Media Opportunities *D. Hsu*	Evolution of Console Computer Games *R. Amidon*		**Google Gadgets** *B. Burd*		Abacus to the iPhone *E. Koblentz*	**Arduino on the Network**	Getting Started with Java *K Rimple*		
2:35pm to 3:30pm	*Featured Keynote Speaker:* Dan Rosenbaum, Technology Journalist, Wearable Tech Insider, will talk on "Approaching Singularity" in Room ED-115												
3:40pm to 4:35pm	**Introduction to Windows 10** *D. Soll*	User Interface for the Physically Impaired *J. Coppola et al*	What is Your Data Strategy *S. Krishnajee*	Robotics - An Introduction *S. Kim*	Games, Intelligence, Consciousness & the Turing Test *S. Marshall*	LEGO MINDSTORMS Robotics *D. Ferguson*	Computer Anamorphic Art *W. Silverman*	Restoring Vintage Electronics *J. Allen*	MITS Altair 8800 *C. Cohen*	Before Computer Drafting *P. Bergsman*	Advanced Java *K Rimple*		

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2015 Trenton Computer Festival — Saturday, 21 March 2015

Keynote Speaker (2:35pm): This year's Keynote Speaker, **Dan Rosenbaum**, will address the incredible opportunities awaiting us as we *approach the Singularity* predicted by futurist Ray Kurzweil.

Featured Technical Speaker, TCNJ's Peter DePasquale (10:15am): Get an introduction to the terminology of cloud computing, and hands-on experience in leveraging cloud computing for personal and corporate needs. Attendees need a working knowledge of Unix, SSH and Java.

Featured Technical Speaker, Barry Burd (10:15am): Learn how to start creating Android apps.
(1:30pm): See a demo of Google's gadgets including Google Glass, and try the devices for yourself!

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

2:35pm - Featured Keynote Speaker:
Dan Rosenbaum, Technology Journalist for Wearable Tech Insider, in Room ED-115

TCF'15 Saturday Evening Banquet
Dan Rosenbaum, Wearable Tech Insider, will present short remarks.
6:00pm in Room BSC-202W Brower Student Center
Admission: $25
Tickets available on the TCF website **www.tcf-nj.org** (by March 14th).
Pick up tickets on Sat. at VIP/Speakers desk. Door Prizes!

Friday - ITPC 2015
10th IEEE/ACM Information Technology Professional Conference at TCF
8:30am to 5:00pm in the Brower Student Center
Friday, March 20, 2015
(Conference registration required.)
Info/Fees: http://princetonacm.acm.org/tcfpro

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