

Saturday	ED-115	ED-211	ED-209	ED-208	ED-207	ED-206	ED-113	ED-110	ED-109	ED-107	ED-105	ED-103	ED & RWH		
	Wearable Tech	Entrepreneurship & Bus.	IT-PC	Social Media & Apps	History & Technology	Education & STEM	Technology & Hardware	Microsoft & Trends	Software/ App Dev.	Arduino & Software	OOP University	Amateur Radio	Exhibits		
10:15am to 11:10am	Future of Medical Device Development <i>B. Acevedo</i>	mTrigger: Biofeedback Reinvented <i>A. Lalime</i>	Wordpress Bootcamp <i>L. Justice</i>	IP Research & Discovery with InnovationQ Plus <i>J. Jesson</i>	Research & Development in AI - An Update <i>A. Schwartz</i>	Getting Started: PCs/Tablets, Internet & Digital Photography <i>H. Hinitz</i>	Agricultural Robotics <i>R. Kannan</i>	Introduction to HTML5 <i>D. Soll</i>	Quantum Computing with Q# Language <i>B. Burd</i>	Hands-On Arduino Workshop for Beginners  Conducted by <i>K. Frolio</i>  <i>(Limited Space; Bring Your Laptop! Load Free Arduino Software before attending: www.arduino.cc/en/Main/Software)</i>	Introduction to OOP Design Principles <i>M. Redlich</i>	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 <a href="http://www.n2re.org">www.n2re.org</a>	Theremin in Room ED-207 at 11:20am		
11:20am to 12:15pm	Tricorders: Making Science Fiction Reality <i>G. Harris</i>			Self-Publishing in the Digital Age <i>S. Marshall</i>	The Theremin & Technical Joy <i>K. Rosser</i>	Best Websites and Web Dark Secrets for 2018 <i>E. Kaplan</i>	Introduction to Robotics and the Robotics Pavilion <i>S. Kim</i>	Stock Market Timing Using Neural Networks <i>D. Fishbein</i>	Writing Apps, Part 1: for iPhone <i>B. Burd</i>		Getting Started with Java <i>M. Redlich</i>		Advanced Java <i>M. Redlich</i>	Getting Started with C++ <i>M. Redlich</i>	Lockpick Village Workshop on How to Pick Locks, Repeated Hourly in Room ED-204  Poster Presentations  Digital Photo Exhibit  Vintage Computers  Club/Org Tables
12:25pm to 1:20pm	Q & A on Wearable Tech Development <i>B. Wong</i>	Privacy & Anonymity in the Modern Age <i>C. Hofstetter</i>	Introduction to Switch Mode Power Supplies <i>M. Blanco</i>	Internet Job\$\$\$ <i>D. Hsu</i>	The Space Shuttle Computer Systems <i>F. O'Brien</i>	Do It Yourself: Home Automation and Demo <i>N. Cherry</i>	Seeing in Pixels: Practical Neural Networks <i>W. Seto, B. Siebert &amp; S. Maxwell</i>	Introduction to Windows 10 <i>D. Soll</i>	Writing Apps, Part 2: for Android <i>B. Burd</i>	Building a WiFi System with pfSense <i>D. Ferguson</i>	Radio Frequency Beyond Radio <i>J. Allen</i>	Advanced C++ <i>M. Redlich</i>			
1:30pm to 2:25pm	How Safe are Wireless Wearable Devices <i>A. Katz</i>	How to Effectively Present <i>T. Lombardi</i>	Bitcoin: Better than Gold? <i>D. Hsu</i>	Computer Music: Sounds to Symphonies <i>D. Slepian</i>	Workshop: How to Create Virtual Reality (VR) Apps <i>O. &amp; M. Rivera</i>	Home Chip Fab: How to Make Semiconductors and Integrated Circuit Chips (ICs) at Home <i>S. Zeloof</i>	Connecting and Controlling the IoT <i>E. Williams</i>	Augmented Reality (AR) <i>W. Silverman</i>	Developing Alexa Skills <i>B. Burd</i>				Home Automation <i>P. Bergsman</i>	Microsoft Hololens <i>W. Silverman</i>	
2:35pm to 3:30pm	Advances in Low-Cost Med. & Environment Sensors <i>J. Jesson</i>		Introduction to Python <i>C. Knight</i>	The Hacking Methodology <i>R. Cole</i>											
3:40pm to 4:35pm	<p><b>Featured Keynote Speaker: Nick van Terheyden M.D., former Chief Medical Officer for Dell, will talk on "Healthcare Innovation Incremental and Exponential" in Room ED-115</b></p>														

**The 2018 TCF Computer Festival — Saturday, 17 March 2018**

**Keynote Speaker (3:40pm):** This year's Keynote Speaker, **Dr. Nick van Terheyden**, will explore the potential for wearables, genomics and other innovations that are washing over healthcare. What's the incremental improvement leading to the next innovative jump? How can this technology revolution change the cost profile and democratize access to healthcare?



**Featured Tech. Speaker, Barry Burd (Room ED-109)**

**(10:15am):** Quantum Computing with Q# Language.  
**(11:20am):** Writing Apps Part 1, for iPhone.  
**(12:25pm):** Writing Apps Part 2, for Android.  
**(2:35pm):** Learn how to develop Alexa Skills.



**Technical Speaker (11:20am):**

**George Harris, CTO**, from the Qualcomm Tricorder XPRIZE winning company, Basil Leaf Technologies.



**Object-Oriented Programming University:** Offers a one-day introduction to object-oriented programming by Mike Redlich, ACGNJ President, in Room ED-105.  
**Tour the Sarnoff Museum Collection of Historic Video and Electronic Technology:** in Roscoe West Hall, 2nd Floor, at TCNJ. Open from 1pm to 4pm.

**ALL-DAY ROBOTICS PAVILION**  
in Room ED-205

**TCF'18 Saturday Evening Banquet**

**Dr. Nick van Terheyden**,  
Speaks on "Digital Healthcare Strategies"  
in the Brower Student Center,  
Room BSC-225E at 6:00pm  
Banquet Admission: \$32  
Tickets available on the TCF website  
[www.tcf-nj.org](http://www.tcf-nj.org) (by March 11th).  
Pick up tickets on Sat. at VIP/Speakers desk.  
Door Prizes! Door Prizes! Door Prizes!

**Friday - ITPC 2018**  
13th IEEE/ACM Information Technology Professional Conference at TCF

8:30am to 5:00pm, Armstrong Hall  
Friday, March 16, 2018

(Conference registration required.)  
Info/Fees: <http://princetonacm.acm.org/tcfpro>

Twitter: @TCFfestival

[www.tcf-nj.org](http://www.tcf-nj.org)