

	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, AR
Saturday	Artificial Intelligence	Innovation	IT-PC	Social Media & Apps	History & Technology	Education & STEM	Technology & Robotics	Microsoft & Unix +	Software/ App Dev.	Arduino	OOP University	Amateur Radio	Exhibits
10:15am to 11:10am	Ethical Machine Learning, Prevention is Better than Cure <i>L. Reddy</i>	How to be Safe in Cyberspace <i>T. Kenny</i>	WordPress Bootcamp <i>L. Judice</i>	Mystabar 2: How to Play TCF2020 Game <i>R. Cole</i>	Flying to the Moon: the Apollo Guidance Computer <i>F. O'Brien</i>	NJ & NYC: the Birthplace of Electronics <i>J. Allen</i>	T-COM: A Low-Power Networked Mobile Health Device <i>L. Pearlstein, J. Sinoway</i>	Create your CentOS Homelab <i>B. Murphy</i>		<b>Hands-On Arduino Workshop for Beginners</b>  <i>Conducted by K. Frolio</i>	Introduction to OOP Design Principles <i>M. Redlich</i>	<b>Ham Cram 101 Ham Radio License Exam Preparation Course</b>  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>	<b>Robot Pavilion Room ED-205 &amp; Room AR-124</b>  <b>Book Signings</b>  <b>Lockpick Village Workshop on How to Pick Locks, Repeated Hourly in Room ED-204</b>  <b>Poster Presentations</b>  <b>Vintage Computers</b>  <b>Club/Org Tables</b>  <b>Tour the Sarnoff Museum of Historic Technology (12:30pm-5pm in RWH, 2nd Floor)</b>
11:20am to 12:15pm	Machine Learning for Music Info Retrieval <i>K. Chen</i>	Ending a Digital Life <i>D. Libes</i>		Introduction to Cricut & other Home Cutting Machines <i>B. Bell</i>	Collecting, Restoring and Saving Computer History <i>S. Matarazzo</i>	Robots: Sensors, Actuators & Artificial Intelligence <i>E. Kaplan</i>	Introduction to the Robotics Pavilion <i>S. Kim</i>	Stock Market Prediction Using Neural Networks <i>D. Fishbein</i>	New Insights in Quantum Computing <i>B. Burd</i>		Getting Started with Java <i>M. Redlich</i>		
12:25pm to 1:20pm	Deep Learning, Natural Lang. Proc., Quest to Understand <i>S. Siddiqui</i>	TCF @ 50 <i>A. Katz</i>	Using AI in Healthcare <i>V. Allugunti</i>	Internet Job\$\$\$ <i>D. Hsu</i>	Workshop: Home Automation - IoT and Smart Homes and Devices <i>N. Cherry</i>	Learn to Present: The World is a Stage <i>C. Jackson</i>	Autonomous Wheelchair for the Physically Challenged <i>R. Kannan</i>	Tricks and Tips for Windows 10 <i>D. Soll</i>	Develop Apps for iPhone & Android with Flutter <i>B. Burd</i>	<i>(Limited Space; Bring Your Laptop! Load Free Arduino Software before attending: <a href="http://www.arduino.cc/en/Main/Software">www.arduino.cc/en/Main/Software</a>)</i>	Introduction to Python <i>C. Knight</i>	Pythonic Object-Oriented Development <i>C. Knight</i>	
1:30pm to 2:25pm	Introduction to Machine Learning with Azure <i>R. Cole</i>	Deep Convolutional Neural Networks <i>P. Brodhead</i>	Investigating and Reconstructing Vehicle Collisions <i>J. Schorr</i>	Social Media Opportunities: From Intern to VP <i>D. Hsu</i>	Simple AI Programs to Engage CS Students <i>E. Torres</i>	Product Development with the Atmel 328P Chipset (Arduino) <i>E. Williams</i>	Setting the Defaults for Privacy on Windows 10 <i>R. Mercuri</i>	Cloud AI with AWS <i>B. Brutzman</i>					
2:35pm to 3:30pm	TCF co-founder Sol Libes Remembered <i>A. Katz, H. Kee &amp; D. Libes</i>	Blockchain & the Next Gen Battlefields <i>C. Hofstetter</i>	New 5G IoT Offerings <i>J. Jesson</i>	CRM Technology: Reskill & Reinvent your Career <i>C. Jackson</i>	Electronic Devices you Never Knew you Needed for your Car <i>P. Bergsman</i>	LoRa: IoT Long Range, Unlicensed Wireless Network <i>J. DeGood</i>	Introduction to Switching-mode Power Technology <i>M. Blanco</i>	Introduction to the GNU Screen <i>B. Murphy</i>	OpenVPN <i>D. Ferguson</i>		Using Design Patterns in Java Application Development <i>M. Redlich</i>		
3:40pm to 4:35pm	<b>Featured Keynote Speaker: Jerry Foster, co-founder and CTO of Plex Systems, will talk on "How I Learned to Stop Worrying and Love Artificial Intelligence" in Room ED-115</b>												

**The 2020 TCF Computer Festival — Saturday, 21 March 2020**

**Keynote Speaker (3:40pm, Room ED-115):** This year's Keynote Speaker, Jerry Foster, co-founder and CTO of Plex Systems, will talk on "How I Learned to Stop Worrying and Love Artificial Intelligence". He sets the pace of the innovation in the cloud, leading the company's technology strategy and research initiatives that drive the industry forward.



**TCF co-founder Sol Libes Remembered** by Al Katz, Hank Kee and Don Libes (Room ED-115, 2:35pm)  
Sol co-founded the very first TCF Festival in 1976. He was active on the TCF planning board, and as a speaker and a volunteer, for the entire life of TCF. Sol founded and was a long-time president of the Amateur Computer Group of NJ. He also published two computer magazines. He will be missed.



**WordPress Bootcamp (10:15am in ED-209):** Conducted by Lou Judice.  
**Mystabar Adventure Game can be played on your laptop, tablet or smartphone.**  
Login at [Mystabar.com](http://Mystabar.com)

**Object-Oriented Programming University:** Offers a one-day introduction to Python and Java programming by Mike Redlich and Chuck Knight, 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 12:30pm to 5pm, with curator-guided tours at 12:30pm and 4:35pm.

**ALL-DAY ROBOTICS PAVILION** in Room ED-205 (Education Bldg.) and Room AR-124 (Armstrong Hall)

**TCF'20 Saturday Evening Banquet**

**Jerry Foster** speaks on "How I Learned to Stop Worrying and co-Founded a Software Company" in the Education Building, Room ED-212 at 6:00pm  
Banquet Admission: \$32  
Ticket information on the TCF website [www.tcf-nj.org](http://www.tcf-nj.org) (by March 16th).  
Pick up tickets on Saturday at VIP/Speakers desk.  
Door Prizes!  
Door Prizes!  
Door Prizes!

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