



National Engineers Week 2018 Banquet

Presented by members of Mid-Hudson Technical Societies*

Tuesday evening, February 27, 2018

Check-in & cash bar at 5:00 pm. Program/Dinner at 6:00 pm. Adjourn by 9:00 pm.

Anthony's Pier 9, 2975 Route 9W, New Windsor, NY

Topic:

Quantum Computing

Featuring Guest Speaker:

Dr. Talia Gershon, PhD

You are invited to join us for a dinner banquet with guest speaker Dr. Talia Gershon, who joined IBM in July of 2012 to work on earth-abundant thin film materials for photovoltaics. Dr. Gershon earned her Bachelor's degree in Materials Science from MIT in 2008, and her PhD in Materials Science from the University of Cambridge in 2012, where she was a Gates Scholar. Dr. Gershon is now a Senior Manager at IBM's TJ Watson Research Center and is responsible for portfolio management for Artificial Intelligence (AI) research as well as making quantum computing available in the cloud. In her presentation, Dr. Gershon will give an introduction to quantum computing, beginning with an explanation of what makes these computers different from the ones we use in our daily lives. These machines use the fundamental laws of nature in a different way, allowing us to explore new ways of processing information that may one day let us solve problems that can't be solved today. Dr. Gershon will also give a demonstration of how to learn about this new technology, using online tutorials and an actual prototype quantum computer available for free in the cloud.

1.0 PDH Pending

Admission is by prepaid reservation only and is due by Friday, February 23, 2018.

Cost is \$35 per professional, guest or parent and \$15 per student.

Payment options:

CREDIT CARD: Email mpetrillo@mjseng.com with your name, phone number and the number of people attending and an invoice will be emailed back to you with instructions on how to pay with any credit card. Please note that there will be a \$1.00 fee per person for the credit card payment option.

CHECK: Please send the bottom of this page along with a check payable to ASCE-Mid Hudson Branch to: Mary Petrillo, MJS Engineering & Land Surveying, P.C., 261 Greenwich Avenue, Goshen, New York 10924.

For more information, contact Mary Petrillo at (845) 291-8650 Ext. 209 or via e-mail at mpetrillo@mjseng.com. For more information about National Engineers Week: visit <http://www.discovere.org/our-programs/engineers-week>

In case of inclement weather, contact Anthony's Pier 9 at (845) 565-3390.

***Program Sponsor: ASCE - Mid-Hudson Branch**

Name: _____ Phone Number: _____ Email Address: _____

Affiliation (Company/School/Society): _____ Dietary restrictions? _____

Menu choices: ___ Delmonico Steak, ___ Chicken Marsala, or ___ Broiled Sole (*Fresh Sole Fillets Simply Seasoned and Broiled*)

Number of professionals/guests ___ x \$35 + Number of students ___ x \$15 = \$ _____ enclosed.

Local EWEEK Website: www.midhudsonweek.cfsites.org

Local ASCE Website: <http://branches.asce.org/mid-hudson/>