



MEDIA ALERT | For Immediate Release

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Contact: Connie George

Mobile: 412.638.7029

GeorgeC@CarnegieScienceCenter.org

Contact: Megan McKenzie

Office: 412.237.3442 / Mobile: 304.723.8660

McKenzieM@CarnegieScienceCenter.org

EXPLORING BRAIN COMPUTER INTERFACES AT SCIENCE CENTER CAFÉ SCI

EXPERT FROM GOOGLE DISCUSSES THE HISTORY, RESEARCH, AND FUTURE OF BCIs

PITTSBURGH, March 28, 2018 — Brain Computer Interfaces (BCIs) are devices that decode brain activity to infer intents and thoughts. They are the communication pathway between the brain and an external device transmitting signals allowing one to see, hear, or feel specific sensory inputs. On **Mon., Apr. 2**, from **7-9 pm**, join Dr. Sagi Perel as he explores the development of BCIs at Carnegie Science Center's next Café Sci event.

During his presentation, Sagi will discuss the origins of BCIs, explain how they work, discuss the current state of research, and speculate about the future of the field. Sagi also will talk about how BCIs revolutionized how humans interact with the world around them and each other.

Dr. Perel earned his Bachelor of Science degree in Electrical Engineering and Computer Science at Tel Aviv University in Israel. He then pursued his Doctorate in Neural Engineering at the University of Pittsburgh in collaboration with the Center for Neural Basis of Cognition, and conducted his postdoctoral research at the Bioengineering Department at Carnegie Mellon University, where he studies information encoding for various brain signal modalities.

His research spans multiple disciplines, including neuroscience, bioengineering, and machine learning, and demonstrated the first ever real-time control of a robotic arm using a brain computer interface.

Admission to Café Sci is FREE. Food and drinks are available for purchase. The doors to the event open at 6 pm, and the event lasts from **7–9 pm**. The evening includes time for informal discussion, eating, and drinking with a cash bar.

For more information and to register, visit CarnegieScienceCenter.org or call 412.237.3400.

Café Sci is presented by PPG and Green Mountain Energy.

About Carnegie Science Center

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh's premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

Accessibility: Features for All

Carnegie Science Center welcomes all visitors. We work to assist visitors with disabilities in obtaining reasonable and appropriate accommodations, and in supporting equal access to services, programs, and activities. We welcome visitors in wheelchairs on the deck of our USS Requin (SS 481) submarine. Below-deck visits require full mobility. Hearing assistance devices are available for The Rangos Giant Cinema. Please ask when you buy your ticket.

Please note that requests for accommodations should be made at least two weeks prior to your visit. For specific questions about wheelchairs, strollers, or other programmatic or equipment needs, see the ticket counter located on the first floor of the main building or contact Customer Service at 412.237.1641 or info@carnegiesciencecenter.org. Please contact Carnegie Museums of Pittsburgh's Accessibility Coordinator with concerns regarding accessibility for visitors with disabilities at the museums. On weekdays, call 412.622.6578 or email accessibility@carnegiemuseums.org.

About Carnegie Museums of Pittsburgh

Established in 1895 by Andrew Carnegie, Carnegie Museums of Pittsburgh is a collection of four distinctive museums: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. In 2017, the museums reached more than 1.4 million people through exhibitions, educational programs, outreach activities, and special events.

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