Archimedes Society

MSRI
Mathematical Sciences
Research Institute

BERKELEY CITY COLLEGE 1974

Not on the Test: The Pleasures and Uses of Mathematics—A Lecture Series in 2013–14

The Archimedes Society of the MATHEMATICAL SCIENCES RESEARCH INSTITUTE and BERKELEY CITY COLLEGE present

Brain-Computer Interfaces

PHILIP SABES, Professor, UCSF

Brain-Machine Interfaces offer the promise of helping disabled patients by allowing them to control prosthetic limbs and computer interfaces directly from their brain. Two key challenges remain before these devices are widely available: the development of practical and reliable physical interfaces and the achievement of nearly natural movement. Dr. Philip Sabes will describe the neural science involved and recent technical advances in the field, including work from his laboratory.

Dr. Philip Sabes is a Professor of Physiology at the University of California, San Francisco, and the director of the UCSF Swartz Center for Theoretical Neurobiology. Dr. Sabes was a Sloan Research Fellow and a McKnight Scholar. He and two members of his lab were awarded the 2013 Annual BCI (Brain Computer Interface) Research Award for their work on the development of artificial somatosensory feedback.

Wednesday, April 9, 7:00 pm to 8:15 pm

Berkeley City College Auditorium • 2050 Center Street, Berkeley

(between Shattuck Ave. & Milvia St., near the Downtown Berkeley BART station)

Sponsored by

SIMONS FOUNDATION

FREE ADMISSION!

Tickets required, go to http://tinyurl.com/PhilipSabes

OFFICIAL UNIVERSITY POSTER - Remove 4/10/2014

Design: www.mbohbot.com