
THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

The Chaim Leib Pekeris Memorial Lecture

on Wednesday, Feb 07, 2018 at 11:00

Dolfi and Lola Ebner Auditorium

Professor Christos Papadimitriou University of California, Berkeley

A Computer Scientist Thinks about the Brain

Abstract:

Understanding the ways in which the Brain gives rise to the Mind (memory, behavior, cognition, intelligence, language) is the most challenging problem facing science today. As the answer seems likely to be at least partly computational, computer scientists should work on this problem --- except there is no obvious place to start. I shall recount recent work (with W. Maass and S. Vempala) on a model for the formation and association of memories in humans, and reflect on why it may be a clue about language.