The Israeli mind behind the Blue Brain Project

HUJI neuroscientist Prof. Idan Segev says the breakthrough in brain science will be as momentous as the Industrial Revolution.

HUJI neuroscientist Prof. Idan Segev says the breakthrough in brain science will be as momentous as the Industrial Revolution.

To understand exactly how the human brain – the most complex machine in the universe – actually works, takes more than ordinary brain power. A team that should eventually comprise thousands of staffers around the world using a supercomputer combining the computational power of 10,000 PCs is expected to reach its goal in about two more decades. And Israelis – led by the Hebrew University of Jerusalem’s Prof. Idan Segev – are playing a key role in this effort, which is aimed not only at understanding the brain – with its hundreds of billions of neurons – but also at repairing diseased cells and tissues.

Prof. Idan Segev. Photo: Ariel Jerozolimski, J. Post

Read full article at The Jerusalem Post

Computational Neuroscience
Tags: ELSC News In The Press Prof. Idan segev

ELSC News In The Press Prof. Idan segev
It is now widely accepted that deciphering the enigma of the brain is the most challenging intellectual endeavor of the 21st century, "The Century of the Brain" - Join our quest and become a friend of ELSC.

Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.

Source URL: http://elsc.huji.ac.il/content/israeli-mind-behind-blue-brain-project