

Brain-machine interface, bridge to the future

[1]

Submitted on 1 October 2013 - 9:23pm

This article is reproduced by CienciaPR with permission from the original source.

Calificación:



The Professional is a member of CienciaPR

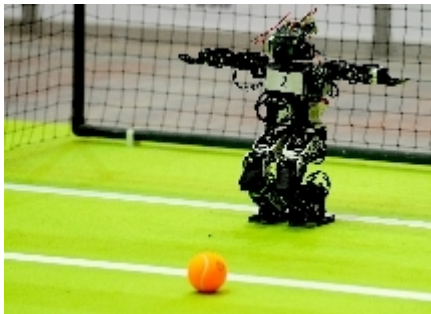
CienciaPR Contribution:

David Alexander Schwarz [2]

CienciaPR Author:

El Nuevo Día [3]

Original Source:



The field of brain-machine interfaces has made great leaps in its understanding of the brain, how its codes and interprets information and how to use that knowledge to "connect" brains and machines.

In this article, David Schwarz, graduate student in the Nicolelis Lab at Duke, one of the world leaders in brain-machine interfaces, explains some recent advances in the field, what they mean and the road ahead.

The original version of this article is in Spanish. To view it, click on ESPAÑOL at the top right of your screen. You can also contact our editor Mónica Feliú-Mójer (moefeliu@cienciapr.org [4]).

Tags:

- [interfases cerebro-máquina](#) [5]
- [brain-machine interfaces](#) [6]
- [Neurociencia](#) [7]
- [Neuroscience](#) [8]
- [computation](#) [9]
- [robotic arms](#) [10]
- [brazo robótico](#) [11]
- [mind-controlled](#) [12]
- [controlar con la mente](#) [13]

Content Categories:

- [Biological and health sciences](#) [14]
- [Engineering, math, and computer science](#) [15]

Source URL:<https://www.cienciapr.org/en/external-news/brain-machine-interface-bridge-future?language=en&page=6>

Links

[1] <https://www.cienciapr.org/en/external-news/brain-machine-interface-bridge-future?language=en> [2]
<https://www.cienciapr.org/en/user/zeraphil?language=en> [3]
<http://www.elnuevodia.com/interfasescerebromaquinapuentehaciaelfuturo-1607629.html> [4]
<mailto:moefeliu@cienciapr.org> [5] <https://www.cienciapr.org/en/tags/interfases-cerebro-maquina?language=en>
[6] <https://www.cienciapr.org/en/tags/brain-machine-interfaces?language=en> [7]
<https://www.cienciapr.org/en/tags/neurociencia?language=en> [8]
<https://www.cienciapr.org/en/tags/neuroscience?language=en> [9]
<https://www.cienciapr.org/en/tags/computation?language=en> [10] <https://www.cienciapr.org/en/tags/robotic-arms?language=en> [11] <https://www.cienciapr.org/en/tags/brazo-robotico?language=en> [12]
<https://www.cienciapr.org/en/tags/mind-controlled?language=en> [13]
<https://www.cienciapr.org/en/tags/controlar-con-la-mente?language=en> [14]
<https://www.cienciapr.org/en/categorias-de-contenido/biological-and-health-sciences-0?language=en> [15]
<https://www.cienciapr.org/en/categorias-de-contenido/engineering-math-and-computer-science-0?language=en>