

Spike detection and data compression for a brain machine interface

Technology

Systems, Methods, and Computer Program Products for Transmitting Neural Signal Information. Systems, method, and computer program products are provided for neural signal transmission. A system according to one embodiment can include a signal receiver operable to receive a neural signal comprising an action potential. The system can also include an action potential detector operable to communicate with the signal receiver and detect when the action potential occurs. In addition, the system can include a transmitter in communication with the action potential detector and operable to transmit an information signal indicating the time when the action potential occurs and, in addition, can transmit samples associated with a detected action potential.

Intellectual Property

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Inventor

Patrick Wolf, Ph.D.

Associate Professor, Department of Biomedical Engineering
Duke University

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Inventor(s)

- Wolf, Patrick "Patrick"
- Obeid, Iyad



College

Pratt School of Engineering

**For more information
please contact**

Koi, Bethany

919-681-7552

bethany.koi@duke.edu