

# Iyad Obeid

Born: 29 March 1975

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## Education:

Ph.D. June 2004 – *Duke University* – Durham, NC  
Biomedical Engineering

M.Eng. June 1998 – *Massachusetts Institute of Technology* – Cambridge, MA  
Electrical and Computer Engineering

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## Refereed Publications:

Obeid I, Wolf P, “Evaluation of Spike Detection Algorithms for a Brain Machine Interface Application”, *IEEE Transactions in Biomedical Engineering*, vol 51, no 6, pp905-911, June 2004.

Obeid I, Nicolelis M, Wolf P, “A Low Power Multichannel Analog Front End for Portable Neural Signal Recordings”, *J Neurosci Meth*, v133, no1-2, pp27-32, February 2004.

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Niebur E, Elhilali M, Obeid I, et.al, “Research, Robots, and Reality : A Statement on Current Trends in Biorobotics”, *Behavioral and Brain Sciences*, vol 24, no 6, pp 1072- 1073, December 2001.

## Conference Proceedings:

Obeid I, Nicolelis M, Wolf P, "A Multichannel Neural Telemetry System", Society for Neuroscience Annual Meeting, Orlando, FL, November 2002.

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Won D, Obeid I, Morizio J, Nicolelis M, Wolf P, "A Multichannel CMOS Analog Front End for Neural Recordings", IEEE Engineering in Medicine and Biology Society Annual Meeting, Houston, TX, October 2002.

Obeid I, Morizio J, Nicolelis M, Wolf P, "A 16-Channel Analog Front End for Multi-Neuron Recordings", Biomedical Engineering Society Annual Meeting, Raleigh, NC, October 2001.

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Obeid I, Morizio J, Wolf P, Meng Q, Moxon K, Chapin J, Nicolelis M, "Integrated Headstage for Population Neuron Data Acquisition", IEEE Engineering in Medicine and Biology Society Annual Meeting, Chicago IL, July 2000.

Wolf P, Obeid I, Lim M, Arora H, Nicolelis M, "Design for Wireless High Speed Neural Data Acquisition System", IEEE Engineering in Medicine and Biology Society Annual Meeting, Chicago, IL, July 2000.