

Name **Thanos SIAPAS**

Affiliation **Caltech**

Division of Biology and Biological Engineering

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Education

1996 Ph.D. in Electrical Engineering and Computer Science, MIT

1992 MS in Electrical Engineering and Computer Science, MIT

1990 BS in Electrical Science and Engineering, BS in Mathematics, MIT

Positions held

2010-present Professor of Computation and Neural Systems, Caltech, USA

2008-2010 Associate Professor of Computation and Neural Systems, Caltech, USA

2002-2008 Associate Professor of Computation and Neural Systems, Caltech, USA

1996-2002 Postdoctoral Scholar in Systems Neuroscience, MIT, USA

Awards & Honours

Vannevar Bush Faculty Fellow (2017), NIH Director's Pioneer Award (2011), McKnight Scholar (2005), Alfred P. Sloan Fellow (2003), Bren Scholar (2003).

Selected committee work

2017-present Executive Officer for Computation and Neural Systems, Caltech, USA

Five selected (recent) publications

1. Hulse B.K., Lubenov E.V., Siapas A.G. (2017) Brain state dependence of hippocampal subthreshold activity in awake mice. *Cell Reports* 18 (1): 136-147.
2. Hulse B.K., Moreaux L.C., Lubenov E.V., Siapas A.G. (2016) Membrane potential dynamics of CA1 pyramidal neurons during hippocampal ripples in awake mice. *Neuron* 89: 800-813.
3. Lubenov E.V., Siapas A.G. (2009) Hippocampal Theta Oscillations are Traveling Waves. *Nature* 459: 534-539.
4. Wierzynski C.M., Lubenov E.V., Gu M., Siapas A.G. (2009) State-dependent spike timing relationships between hippocampal and prefrontal circuits during sleep. *Neuron* 61: 587-596.
5. Siapas A.G., Lubenov E.V., Wilson M.A. (2005) Prefrontal phase locking to hippocampal theta oscillations. *Neuron* 46(1): 141-151.