

## CURRICULUM VITAE

**Name:** Go Uchida

### **EMPLOYMENT:**

- 2009 June – present      Research Scientist (Special Appointment Employee) at Scientist at the Lab. for Integrative Neural Systems, BSI, RIKEN
- 2006 Apr. – 2009 May      Research Scientist at the Lab. for Integrative Neural Systems, BSI, RIKEN
- 2003 Apr. – 2006 Mar.      Special Postdoctoral Researcher at the Lab. for Integrative Neural Systems, BSI, RIKEN
- 1999 June – 2003 Mar.      Postdoctoral staff scientist at the Lab. for Integrative Neural Systems, BSI, RIKEN, Japan
- 1997 June – 1999 May      COE (center of excellence) researcher at the Lab. for Artificial Biomechanism, Advanced Devices Department, Research Center for Advanced Science and Technology, University of Tokyo

### **EDUCATION:**

- 1994 Apr. – 1997 Mar.      Ph. D. Dept. of Applied Physics, Tokyo Institute of Technology
- 1992 Apr. – 1994 Mar.      M. Sc. Dept. of Applied Physics, Tokyo Institute of Technology
- 1988 Apr. – 1992 Mar.      B. Sc. Department of physics, Tokyo University of Science

### **PUBLICATIONS:**

Takayuki Sato, Go Uchida and Manabu Tanifuji  
Cortical columnar organization is reconsidered in inferior temporal cortex  
*Cereb. Cortex*, **19**, p1870-1888, (2009)

Hiroyuki Nakahara, Masanori Shimono, Go Uchida and Manabu Tanifuji  
Stimulus-induced pairwise interaction can be revealed by information geometric approach  
Advances in Cognitive Neurodynamics ICCN2007,  
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Bistability and state transition in membrane potential of a neuron: Their functional roles in information processing and underlying mechanisms  
*SEIBUTSUBUTSURI*, **47**, p362-367, (2007)

Go Uchida, Mitsuhiro Fukuda and Manabu Tanifuji  
Correlated transition between two activity states of neurons  
*Phys. Rev. E*, **73**, 031910, (2006)

Go Uchida, Tsuneo Chinzei and Hiroyuki Matsuura  
Reverse motion of organelles with myosin molecules along bundles of the actin filaments in  
a Characean internodal cell  
*Biochem. Biophys. Res. Comm.*, **257**, p223-227, (1999)

Go Uchida, Yuuki Mizukami, Tomomi Nemoto and Yoshimi Tsuchiya  
Sliding motion of magnetizable beads coated with *Chara* motor protein in a magnetic field  
*J. Phys. Soc. Jpn.*, **67**, pp345-350, (1998)

Kengo Takahashi, Go Uchida, Zi-Song Hu and Yoshimi Tsuchiya  
Entrainment of the self-sustained oscillation in a *Physarum Polycephalum* strand as a  
one-dimensionally coupled oscillator system  
*J. Theor. Biol.*, **184**, p105-110, (1997)

Go Uchida, Tomomi Nemoto and Yoshimi Tsuchiya  
Characteristics in sliding motions of small organelles in a *Nitella* internodal cell  
*J. Phys. Soc. Jpn.*, **64**, pp4959-4963, (1995)

Tomomi Nemoto, Go Uchida, Atsuko Takamatsu and Yoshimi Tsuchiya  
Stochastic behavior of organelle motion in *Nitella* internodal cells  
*Biochem. Biophys. Res. Comm.*, **214**, p1102-1107, (1995)