

## Curriculum Vitae

Family name: FUNABASHI  
First name: Masatoshi

masatoshi.funabashi@shs.polytechnique.fr

Born 7/12/1979

2004 Master degree of Veterinary Medical Science, University of Tokyo  
2006 Master degree of Complexity Science and Engineering, University of Tokyo  
Currently Ph.D student at Ecole Polytechnique, France

### Publication

- Bachelor (equivalent to Master) thesis: "Sequence analysis of the NP-,P-,and L-proteins of a persistent canine distemper virus, the Yanka-BP strain" at the University of Tokyo, Faculty of Agriculture, Veterinary Medical Sciences
- Master thesis: "Modeling and Analysis of Birdsong Learning" at the University of Tokyo, Division of Transdisciplinary Sciences, Department of Complexity Sciences and Engineering
- "Modeling of Birdsong Learning with Chaotic Elman Network" Proceedings of the Eleventh International Symposium on Artificial Life and Robotics, pp.398-401.
- "Modeling birdsong learning with a chaotic Elman network" Artificial Life and Robotics (2007), Vol 11, Number 2, pp. 162-166

### Presentation

- Poster presentation at the 132rd Conference of Japanese Veterinary Medical Science: Poster "Sequence Analysis of the NP- and P-gene of the Canine Distemper Yanaka-BP Strain"
- Poster presentation at the Brain and Mind Workshop: "Associative Dynamics of Chaotic Recursive Network"
- Presentation at the Eleventh International Symposium on Artificial Life and Robotics (AROB 11th '06): Poster "Modeling of Birdsong Learning with Chaotic Elman Network"
- Poster presentation at the Third International Workshop on Evolutionary Cognitive Science: "Social Cognition: Evolution, Development, and Mechanism": Poster "Chaotic Itinerancy as Catalyst of Intrinsic Diversification of Syntax"
- Poster presentation at the 12rd Symposium on Emergent Systems: Poster "Modeling and

Analysis of Birdsong Learning"(received the best poster award)

·Invited talk at the Human Science Integration Seminar, on 28/Jul/2006, Tokyo: "What is Chaos ?" and "Modeling and Analysis of Birdsong Learning"

·Invited talk at the "Information Dynamics in Networks" workshop, Max Planck Institute for Mathematics in the Sciences, on 29/Oct/2006, Leipzig: "Analysis of Chaotic Elman Network"

·Poster presentation at the European Conference on Complex Systems' 07, Dresden, October 1-6, 2007: Poster "Associative Dynamics of Chaotic Neural Network with Periodic Memory", and "Adressing the interplay of cellular behaviour and embryo macrostructure in vivo"