# Curriculum Vitae of Prof. Li Zhaoping (Ms.)

https://www.kyb.tuebingen.mpg.de/sensory-and-sensorimotor-systems


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| | *Physical:* | Max Planck Ring 8, Max Planck Institute for Biological Cybernetics, 72076 Tuebingen, Germany |


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| EDUCATION | **Ph.D.** | 1984 — 1989: California Institute of Technology, Physics. Thesis topic: "Modeling of the olfactory bulb and beyond" Thesis advisor: Prof. J. J. Hopfield. |
| | **B. S.** | 1980 — 1984: Fudan University, Shanghai, Major: Physics |

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| POSITIONS | Since 10/18 | Professor, Department of Computer Science, University of Tuebingen, Max Planck Fellow, Max Planck Institute for Biological Cybernetics |
| | 10/07–09/18 | Professor, Department of Computer Science, UCL |
| | 03/07 –09/07 | Reader, Department of Computer Science, UCL |
| | 10/01 –Feb. 06 | Reader, Department of Psychology, UCL |
| | 8/98 –9/01 | Reader, Gatsby Computational Neuroscience Unit, UCL |
| | 8/98 – | Honorary faculty member, Dept of Physics and physiology, UCL. |
| | 9/97 – 7/98 | Visiting scientist, Center for Biological and Computational Learning Department of Brain and Cognitive Sciences, MIT. |
| | 9/94 – 6/97 | Assistant Professor, in computer science department, Hong Kong University of Science and Technology (HKUST). |
| | 6/94 – 8/94 | Visiting scientist, at Boston University Marine Program,. Woods Hole, Massechusetts |
| | 8/92 – 6/94 | Postdoctoral fellow, Rockefeller University, Computational Neuroscience Lab. |
| | 8/90 – 7/92 | Member, at Institute for Advanced Study, School of Natural Science, Princeton, New Jersey. |
| | 1/90 – 8/90 | Postdoctoral fellow, at Fermi National Laboratory for high energy physics, Batavia, Illinois. |
| | 6/86 – 9/89 | Research assistant, California Institute of Technology, in physics of computation lab under Prof. J. J. Hopfield. |
| | 6/86 – 11/86 | Research assistant, California Institute of Technology, in the electrophysiology lab of Prof. J. Bower. |
| | 6/85 – 6/86 | Research assistant, California Institute of Technology and Stanford Linear Accelerator Center, in high energy physics experiments, under Prof. F. Porter. |

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| 3/84 – 6/84 | Senior thesis research in theoretical physics in Fudan University, Shanghai, under Prof. Guan-Jiong Ni. |

**Honors**

The only woman during 1979 to 1989 to win the first place in China's annual national physics competition, CUSPEA (China-US Physics Examination and Application). CUSPEA ran for eleven years, from 1979 to 1989. It was set up by the Chinese American Physics Nobel Laureate Tsung-Dao Lee, before China eased the way for individual/priviate citizens to apply for passports and apply to Western universities for graduate education. Each year during that period, among 800 pre-selected (by local competition) students from the top universities in China participated in a Physics competition for about 100 scholarships to pursue Ph.D. study in Physics in the US. These were provided by a consortium of US Physics departments and endorsed by the Chinese government.

**Some invited speeches**

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| June 2016, Beijing, China | Keynote speech for the monthly public science and technology lecture in Beijing for the Future Forum, the best known private and non-profit forum in China for promoting science/technology communication for the future of the society |
| Aug. 2013, Bremen, Germany | Planary speech at the planary symposium "Visual perception meets computational neuroscience" at ECVP (European conference on visual perception, established since 1979s), one of two top international annual conferences in the vision community. |
| Mar. 2007, Salt Lake city, US | Invited speech at COSYNE (Computational and Systems Neuroscience Conference), one of the top 1–2 annual conferences in the field. |

**Teaching**

**University Courses Taught:**

- **"Computational Neursocience"**, a graduate course at Gatsby Computational neuroscience Unit, Fall 2000, 1998, co-instructor Peter Dayan.
- **"Entropy, information, and the brain"** A course in Physics department at MIT for independent activity period, January, 1998. A one month long course to about 30 physics students and postdocs. Co-instructor: William Bialek, Course Organizer: Mehran Karder.
- **"Computer Vision"** A graduate course at Hong Kong University of Science and Technology (HKUST), 1995 and 1996.
- **"Pascal Programming"** an undergraduate course at HKUST for about 200 freshmen, fall, 1995.
- **"Computer fundamentals"**, an undergraduate course at HKUST for about 200 freshmen, fall, 1994.

**Invited Teaching at International Summer Schools or Similar**

- **"Nordita Master Summer Course in Physics"** 2006.
- **"EU Advanced Course on Computational Neuroscience" summer school** since 2004.
- **"Neuroscience and Computation"** trimester in Institue Henri Poincare, Paris, Spring, 2002.
- **"Visual Attentional Mechanisms"**, 5th course of Inernational Summer school "Neural Nets E. R. Caianiello" at International Institute for Advanced Study (IIASS), Vietri, Italy, 2000.
- **"Summer School of Neural information Processing"**, International Center for Theoretical Physics, Triesta, Italy 1999.
- **"Physics of biological systems"** summer school, Nordita, Denmark, 1995.
- **"Brain and Computation"** summer school, Fudan University, Shanghai,1993.

**Teaching assistant for**

- **Collective Computation**, a graduate course in physics, computer science, and computational neuroscience at Caltech, 1988, under prof. J. J. Hopfield
- **Freshmen physics laboratory**, at Caltech, 1989, under prof. S. Frautschi.