

## Advisory Committee Chairs

### Professor Kazuo Ishii (Kyushu Institute of Technology, Japan)



**Kazuo Ishii (石井和男)** Dr., Eng, Professor of Kyushu Institute of Technology, Center for Socio-Robotic Synthesis.

**Undergraduate Education:** 1991.03, The University of Tokyo, Faculty of Engineering, Department of Naval Architecture and Ocean Engineering, Graduated, Japan

**Post Graduate Education:** 1996.09, The University of Tokyo, Graduate School, Division of Engineering Doctoral Program Completed, Japan.

**Degree:** 1996.09, The University of Tokyo, Dr., Eng.

[ishii@brain.kyutech.ac.jp](mailto:ishii@brain.kyutech.ac.jp)

#### Biography before Kyutech

2003.04 - 2004.03: Fraunhofer AIS, Visiting Researcher, Germany

1998.04-Now: IIS Univ. of Tokyo, Researcher, Japan

1996.10-1996.11, IIS Univ. of Tokyo, Researcher, Japan

**Web:** [https://hyokadb02.jimu.kyutech.ac.jp/html/353\\_en.html](https://hyokadb02.jimu.kyutech.ac.jp/html/353_en.html)

### Professor Kensuke Harada (Osaka University, Japan)



**Kensuke Harada (原田 研介)**, Dr., Eng. Professor of the Robotic Manipulation Research Group Systems Innovation Department, Graduate School of Engineering Science, Osaka University Cross Appointment Fellow, National Institute of Advanced Industrial Science and Technology (AIST)

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You are kindly invited to visit our lab. <https://www.roboticmanipulation.org/>.

last updated 2016.7.15

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What's New

2013.10.1

Web page renewal open! Topics

Added some links(29/7/2014)

(c) Kensuke

Harada

**Professor Takashi Kohno (University of Tokyo, Japan)**



Takashi Kohno, M.D., Ph.D., Professor, Institute of Industrial Science, University of Tokyo, Japan.

**Academic background:**

Mar., 1990, Graduated Nada High School.

Apr., 1990 ~ Mar., 1996, Studied biology and clinical medicine in School of Medicine, University of Tokyo.

Apr., 1996 ~ Mar., 2002, Studied mathematical engineering in Postgraduate School of Engineering, University of Tokyo and Postgraduate

[kohno@sat.t.u-tokyo.ac.jp](mailto:kohno@sat.t.u-tokyo.ac.jp)

School of Frontier Sciences, University of Tokyo. Obtained B.S. degree in Medicine, Ph.D. in Engineering, and Medical license.

**Career:** Apr., 2002 ~ Jan., 2004, Medical staff in Department of Medical Informatics, Hamamatsu University School of Medicine, Japan.

Feb., 2004 ~ Aug., 2006, Group Leader in Aihara Complexity Modelling Project, ERATO, JST, Japan.

Sep., 2006 ~ Associate Professor in Center for International Research on MicroMechatronics, Institute of Industrial Science, University of Tokyo.

**Research interest:**

Silicon neuron and neural network are our current research theme. Our final goal is to achieve cerebation machine more "intelligent" than human brain. We DO NOT stick to any specific research fields but incorporate and combine organically the knowledge in

[Theoretical](#), [Constructive](#), and [Phenomenological](#) research fields.

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## Professor Eiji Hayashi (Kyushu Institute of Technology, Japan)



Eiji Hayashi, Ph.D., Faculty of Computer Science and Systems Engineering, Department of Intelligent and Control System, Professor, Kyushu Institute of Technology, Japan.

[haya@mse.kyutech.ac.jp](mailto:haya@mse.kyutech.ac.jp)

**Academic background:** Waseda University, Graduate School, Division of Science and Engineering, Doctor Course, 1994.03 , Accomplished Credits for Doctoral Program, Japan

**Degree:** Doctor of Engineering, Other, Waseda University, Coursework, 1996.03

**Website:** <http://www.mmcs.mse.kyutech.ac.jp/>

### Employment Record in Research:

- Department of Intelligent and Control Systems, Faculty of Computer Science and Systems Engineering, Kyushu Institute of Technology, Professor, 2019.04 -
- Department of Mechanical Information Science and Technology, Faculty of Computer Science and Systems Engineering, Kyushu Institute of Technology, Professor, 2013.06 - 2019.03
- Department of Mechanical Information Science and Technology, Faculty of Computer Science and Systems Engineering, Kyushu Institute of Technology, Associate Professor, 2008.04 - 2013.05

### External Career:

- Massachusetts Institute of Technology Department of Mechanical Engineering , Researcher , 2002.08 - 2003.07
- Research Associate, 1994.04 - 1997.01

### Research Field (grants-in-aid-for-scientific-research classification)

- Perception information processing/intelligent robotics
- Intelligent mechanics/mechanical system

### Research Career:

- Development of an Autonomous Personal Robot , 2003.04 -
- Actuator, Mechatronics Dynamics , Machine mechanics/control, Intelligent mechanics/mechanical system , Other , Collaboration in Japan ,(Non-optional)
- Research of Sensory modality on Communication , 2005.04 -  
Sensory modality, Consciousness, Communication, Autonomous, Other, Other, It is Determined Uninstalled, (Non-optional)
- Development of Information processing on Music, 2003.04 -  
Music, Interface, pattern matching DP, Sensitivity informatics/soft computing, Perception information processing/intelligent robotics, Other, Collaboration in Japan, (Non-optional)
- Research on Haptic Device, 2005.04 -  
Haptic, Micro Nano, Sense, Sensitivity informatics/soft computing, Perception information processing/intelligent robotics, Man-machine system, Intelligent Informatics, It is Determined Uninstalled, (Non-optional)

**Published papers (2006.4～):**

- English, Autonomous Action Selection with Motivation-based Consciousness and Behavior Architecture of Animal , Proceedings of The 5th Int. Conference on Automation, Robotics and Applications (p.294 - 299) , 2011.12 , Eiji Hayashi, Kei Ueyama, Motoki Yoshida, DOI:10.1109/ICARA.2011.6144898, International Conference Proceedings , The Multiple Authorship
- Japanese , Development of Haptic Device using VC Motor , the Japan Society of Applied Electromagnetics and Mechanics , vol.19 (4) (p.653 - 660) , 2011.12 , Eiji Hayashi, Junpei Noda, Tory Uehara, Academic Journal , The Multiple Authorship
- English, Autonomous Motion Selection via Consciousness-based Architecture , Proceedings of The 8th International Conference on Ubiquitous Robots and Ambient Intelligence (URAI 2011) (p.401 - 402) , 2011.11 , Eiji Hayashi, Kei Ueyama, Motoki Yoshida, DOI:10.1109/URAI.2011.6145851, International Conference Proceedings, The Multiple Authorship
- English, Automated piano: Techniques for accurate expression of piano playing, Springer Tracts in Advanced Robotics, vol.74 (p.143 - 163), DOI:10.1007/978-3-642-22291-7\_9, Academic Journal , The Simple Work

- English, Design of robotic arm's action to imitate the mechanism of an animal's consciousness, Journal of Artificial Life and Robotics, vol.Vol.15 (p.565 - 570), 2010.12, Eiji Hayashi, Takahiro Yamasaki,  
DOI:10.1007/s10015-010-0869-5, Academic Journal, The Multiple Authorship

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#### **Research Achievement (Book):**

- Japanese, 2011.07  
The Book (the science book, The Multiple Authorship, Perception information processing/intelligent robotics, Sensitivity informatics/soft computing
- English, Advances in Human-Robot Interaction, NTECH, 2009.12, Eiji Hayashi  
The Book (the science book), The Multiple Authorship
- Japanese, 2004.06  
The Textbook, The Multiple Authorship
- Japanese, 2002.11  
The Textbook, The Multiple Authorship

#### **Research presentations (2006.4~):**

- Domestic Conference without screening , 2016.03 , The Oral (generality)
- Domestic Conference without screening , 2016.03 , The Oral (generality)
- Domestic Conference without screening , 2016.03 , The Oral (generality)
- Domestic Conference without screening , 2016.03 , The Oral (generality)
- Domestic Conference without screening , 2015.03 , The Oral (generality)

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## Professor Jeffrey Johnson (Engineering and Innovation, The Open University)



He received his PhD in Mathematics from Essex University. He is Professor of Complexity Science and Design in the School of Engineering and Design in the STEM Faculty of the Open University. He joined the Open University in 1980 after three years as Senior Research Associate

[jeff.johnson@open.ac.uk](mailto:jeff.johnson@open.ac.uk)

in the Geography Department of Cambridge University, and six years as Research Fellow in the Mathematics Department of Essex University. He is and Vice-President of the UNESCO UniTwin Complex Systems Digital Campus and Past-President of the Complex Systems Society chartered mathematician and a chartered engineer.

### CV:

Professor of Complexity Science and Design, Open University, 2002 -

President of Complex Systems Society 2007-2011

Head of Department, DDEM, 2007 - 2010

Vice-President, Complex Systems Society, 2005 - 2007

British Council Monbusho Professor in Electrical Engineering, Oita University, 2000 & 2002

Senior Research Fellow in Design & Innovation, Open University, 1980-2002 Senior Research

Associate in Geography, Cambridge University, 1977 - 1980 Research Fellow in Mathematics, Essex University, 1971-77

Managing Director, Vision Scientific Ltd, 1989-

PhD (Mathematics), Essex University, 1976.

Chartered Engineer (Fellow of the British Computer society)

Chartered Mathematician (Fellow of the Institute of Mathematics & its Applications) **Website:**

<http://www9.open.ac.uk/mct/people/jeff.johnson>