

JSPS Summer Program: List of Researchers of SOKENDAI

Besides being a co-organizer and provider of the orientation sessions and final meeting of the JSPS Summer Program, Sokendai can be the host institution for your research experience during the summer, as it is one of the leading universities in Japan with top-level faculty across disciplines. In the following, we introduce some of our professors who are willing to accept JSPS fellows who are interested in their work. We would be most delighted if you could find a future host professor here.

Note: If you wish to work with one of the professors listed on this page, you are asked to contact him/her on your own to seek acceptance.

The accepting affiliation will be Inter-University Research Institutes (IURI) except the case of Department of Evolutionary Studies of Biosystems, SOKENDAI.

The Department of Regional Studies / National Museum of Ethnology

Organization website: <http://www.minpaku.ac.jp/english/research/education/university>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
National Museum of Ethnology, Osaka / SOKENDAI	Atsushi NOBAYASHI	Anthropology, Formosa Study, Ethno archaeology, Museology	1) Anthropological archaeology in East and Southeast Asia, 2) Relationship between human and animals, 3) Material culture of Taiwan's indigenous peoples, 4) Food and food ways in ecological history	http://www.minpaku.ac.jp/english/research/act/vity/organization/staff/nobayashi/index	nova@idc.minpaku.ac.jp

Department of Functional Molecular Science / Institute for Molecular Science, Okazaki

Organization website: <https://www.ims.ac.jp/en/>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
Institute for Molecular Science / SOKENDAI	Masahiro HIRAMOTO	Organic semiconductor materials or devices	Organic solar cell, doping, single crystal, Hall effect	https://groups.ims.ac.jp/organization/hiramoto_g/english/index.html	hiramoto@ims.ac.jp

Department of Astronomical Science / National Astronomical Observatory of Japan, Mitaka, TokyoOrganization website: <http://www.isas.jaxa.jp/sokendai/e/>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
Institute of Space and Astronautical Science (ISAS), Japan Aerospace Exploration Agency (JAXA) / Department of Space and Astronautical Science, School of Physical Sciences, SOKENDAI	Taro SAKAO	High Energy Solar Physics	1. Investigation of high-energy phenomena in the solar corona such as flares through analyses of X-ray data from space observatories including Hinode, Yohkoh, and 2. Development of precision X-ray mirrors and high-speed X-ray CMOS sensors for future high-energy solar physics missions aiming to reveal mechanisms of electron acceleration in flares.	www.phoenix-project.science	sakao@solar.isas.jaxa.jp
ISAS/JAXA/SOKENDAI	Yutaro SEKIMOTO	instrumentation for CMB polarization observations			sekimoto@astro.isas.jaxa.jp

Department of Particle and Nuclear Physics / Institute of Particle and Nuclear Studies, Tsukuba (KEK)Organization website: http://kek.soken.ac.jp/sokendai_en/

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
School of High Energy and Accelerator Science, SOKENDAI	Tsutomu MIBE	Experiments on elementary particle physics	Hands on exercise on experimental particle physics with muon	http://g-2.kek.jp	mibe@post.kek.jp

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
Institute of Particle and Nuclear Studies /SOKENDAI	Satoshi MIHARA	Elementary particle physics experiment	Charged Lepton Flavor Violation, Muon Physics, Detector Development	http://www-comet.kek.jp/COMET5 http://kek.soken.ac.jp/pn/experiment/ex_research/research07/	satoshi.mihara@kek.jp
Institute of Particle and Nuclear Studies /SOKENDAI	Manobu M TANAKA	Elementary Particle Physics and sensors and integrated circuit development in the field.	Table top experiments, R&D of pixel sensors using Si and wide gap semiconductors and the integrated circuits for signal processing (incl. ADCs, TDCs and network processors).	http://www-esys.kek.jp	tanakam@post.kek.jp

Department of Informatics / National Institute of Informatics, Chiyoda-ku, Tokyo

Organization website: <https://www.nii.ac.jp/graduate/en/>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
Department of Informatics (National Institute of Informatics), SOKENDAI	Akihiro SUGIMOTO	Computer Science	Computer Vision, Digital Geometry	http://www.dgcv.nii.ac.jp/	sugimoto@nii.ac.jp
SOKENDAI / NII	Ichiro HASUO	Theoretical computer science, formal methods, cyber-physical systems, control theory	Automata theory, logic, category theory, collaboration of deductive and statistical learning, testing	https://group-mmm.org/era_tommsd/	i.hasuo [at] acm.org

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
NII / Department of Informatics School of Multidisciplinary Sciences, SOKENDAI (The Graduate University for Advanced Studies)	Ken HAYAMI	Numerical Analysis, Numerical Linear Algebra, Inverse Problems	Iterative methods for system of linear equations Nonlinear least squares problems	https://researchmap.jp/KenHayami/?lang=english	hayami@nii.ac.jp
SOKENDAI / NII	Katsumi INOUE	Artificial Intelligence	Integration of Knowledge Representation and Machine Learning	http://research.nii.ac.jp/il/	inoue@nii.ac.jp
SOKENDAI / NII	Masako KISHIDA	Control theory	networked control, event-triggered control, self-triggered control, encrypted control, L1-minimization, linear algebra	https://researchmap.jp/m.kishida/?lang=english	kishida@nii.ac.jp
SOKENDAI / NII	Ryota KOBAYASHI	Informatics	Web and Social media analysis	http://research.nii.ac.jp/~r-koba/index.html	r-koba@nii.ac.jp
SOKENDAI / NII	Hideaki TAKEDA/ 武田英明	Web Informatics, Artificial Intelligence	Semantic Web, Linked Data	http://www-kasm.nii.ac.jp/~takeda/	takeda@nii.ac.jp

Department of Genetics / National Institute of Genetics, MishimaOrganization website: <http://www.nig.ac.jp/jimu/soken/index-e.html>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
National Institute of Genetics, Research Organization of Information and Systems / Department of Genetics, School of Life Science, SOKENDAI	Hitoshi SAWA	Developmental Biology, Cell Biology	Developmental regulation of cell fates and cell polarity in <i>C. elegans</i>	http://square.umin.ac.jp/Nemalab/Home.html	hisawa@nig.ac.jp
National Institute of Genetics, Research Organization of Information and Systems / Department of Genetics, School of Life Science, SOKENDAI	Masato KANEMAKI	Genetic Engineering and Molecular Biology	Development of genetic technologies and use of them to understand chromosome functions	https://www.nig.ac.jp/labs/MolFunc/Eng/	mkanemak@nig.ac.jp
National Institute of Genetics, Research Organization of Information and Systems / Department of Genetics, School of Life Science, SOKENDAI	Fumi Kubo	Neuroscience	Neural circuit for visual processing and behavior in zebrafish	http://kubolab.jp/w/en/	fumikubo@nig.ac.jp

Department of Evolutionary Studies of Biosystems, HayamaOrganization website: <http://www.esb.soken.ac.jp/english/index.html>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
Department of Evolutionary Studies of Biosystems SOKENDAI (The Graduate University for Advanced Studies)	Kentaro ARIKAWA Michiyo KINOSHITA	Neuroethology	Insect vision (using all possible methods including molecular, physiological, anatomical and behavioral techniques)	http://researchmap.jp/papilio/?lang=english	arikawa@soken.ac.jp kinoshita_michiyo@soken.ac.jp