

JSPS Summer Program: List of Researchers of SOKENDAI

Besides being a co-organizer and provider of the orientation 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.

Department of Regional Studies, Suita, Osaka

Organization website: <https://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	ONO Rintaro	Maritime Anthropology, Southeast Asian Archaeology, Oceania Archaeology, Underwater Archaeology	Human Maritime Adaptation, Island Migration and Adaptation, Human History of Marine Resources Use, Explore and Management of Underwater Cultural Heritage		onorintaro@minpaku.ac.jp
National Museum of Ethnology	SHIMAMURA Ippei	Cultural Anthropology, Mongolian Studies	Shamanism and Ethnicity, Buddhist Practices, Nationalism, Representation of Chinghis khan, Mongolian Hip Hop		ippei@minpaku.ac.jp

Department of Japanese Literature / National Institute of Japanese Literature, Tachikawa, Tokyo

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

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
National Institute of Japanese Literature	YAMAMOTO Yoshitaka	Japanese Literature	Edo-period Japanese literature and cultural history; Sinitic prose and poetry by Edo-period Japanese Confucian scholars.	https://researchmap.jp/YoshitakaYamamoto/	yamamoto.yoshitaka@nijl.ac.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)
Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization	KISHISHITA Tetsuichi	Semiconductor sensors and the application of the readout systems	<ul style="list-style-type: none"> ▪ Silicon Pixel Sensor R&D. ▪ Wide-gap Semiconductor Materials. ▪ Application Specific Integrated Circuit Designs for Sensor Readout. ▪ High-density System Integration. 	http://www-esys.kek.jp	kisita@post.kek.jp
Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization	MIYAHARA Masaya	Sensing and control applications of state-of-art CMOS processes.	<ul style="list-style-type: none"> ▪ Micro-power analog signal digitization ▪ Reconfigurable analog to digital convertor ▪ GHz analog signal processing ▪ Application specific integrated circuit development for sensors 	http://www-esys.kek.jp	masaya@post.kek.jp
Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization	TANAKA M Manobu	Elementary Particle Physics and applications of sensors and integrated circuits.	<ul style="list-style-type: none"> ▪ Table top experiments. ▪ Applications of wide-gap semiconductors(Diamond etc) and nano-structure devieces. 	http://www-esys.kek.jp	tanakam@post.kek.jp
Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization	MIBE Tsutomu	Experimental Particle Physics	Particle physics with muon	https://g-2.kek.jp/	mibe@post.kek.jp

Department of Statistical Science / The Institute of Statistical Mathematics, Tachikawa, Tokyo

Organization website: https://www.ism.ac.jp/senkou_eng/index.html

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
The Institute of Statistical Mathematics	NAKANO Shin'ya	Data assimilation, Data analytics in geosciences and space sciences	Ensemble-based data assimilation techniques and their applications, Spatio-temporal data analysis	http://daweb.ism.ac.jp/~shiny/index-e.html	
The Institute of Statistical Mathematics	BRUNO F. Lourenço	Continuous Optimization	<ul style="list-style-type: none">- Linear/nonlinear conic optimization: algorithms, regularization techniques, ill-posedness, optimality conditions- Geometry of convex sets and error bounds- Nonsmooth optimization	https://bflourenco.github.io/	bruno@ism.ac.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)
National Institute of Informatics	YOSHIDA Yuichi	Theoretical Foundations of Big Data Analysis	Sensitivity Analysis; Sublinear-Time Algorithms; Network Algorithms; Spectral Graph Theory; Submodular Functions	http://research.nii.ac.jp/~yyoshida/	yyoshida@nii.ac.jp
National Institute of Informatics	IGARASHI Ayumi	Computational Social Choice, Algorithmic Game Theory	Fair division, voting, and other problems in related fields	https://sites.google.com/site/eigarashayumi/home	ayumi_igarashi@nii.ac.jp
National Institute of Informatics	SUGIMOTO Akihiro	computer science	computer vision, digital geometry	http://www.dgcv.nii.ac.jp/	sugimoto@nii.ac.jp
Information and Society Research Division, National Institute of Informatics	SUN Yuan	Educational Data Mining, Knowledge Tracing, Learning Analytics	Personalized learning and cognitive diagnostic modelling		
National Institute of Informatics, Principles of Informatics Research Division	KISHIDA Masako	control theory, mathematical optimizations	Control of AI-intensive cyber physical systems (i.e., Control of hybrid systems with learning components) * This is a part of JST CREST Project	TBA	kishida@nii.ac.jp ksuenaga@gmail.com

Department of Genetics / National Institute of Genetics, Mishima

Organization website: <http://www.nig.ac.jp/iimu/soken/index-e.html>

Affiliation	Name	Research Field	Research Subject	Lab URL (Optional)	E-mail address (Optional)
National Institute of Genetics	KITANO Jun	Ecological genetics	Genetic studies of natural fish populations	http://ecogen.sakura.ne.jp/index-e.html	
National Institute of Genetics	KIMURA Akatsuki	Cell Biology, Biophysics	Quantitative microscopy and numerical modeling for nuclear positioning, cytoplasmic streaming, and chromatin dynamics in the <i>Caenorhabditis elegans</i> embryo	https://www.nig.ac.jp/nig/research/organization-top/organization/kimura	akkimura@nig.ac.jp
Physics and Cell Biology Laboratory, Department of Chromosome Science, National Institute of Genetics	SHIMAMOTO Yuta	Biophysics, Cell Biology	Cell division, mitosis, spindle assembly, motor protein, cytoskeleton	https://shimamotolab.weebly.com	yuta.shimamoto@nig.ac.jp
National Institute of Genetics, Research Organization of Information and Systems	SAWA Hitoshi	Developmental Biology, Cell Biology	Developmental regulation of cell fates and cell polarity in <i>C. elegans</i>	http://square.umin.ac.jp/Nemalab/index-e.html	hisawa@nig.ac.jp
National Institute of Genetics, Laboratory of Molecular and Developmental Biology	KAWAKAMI Koichi	Developmental genetics, Neuroscience	The study of developmental biology and neuroscience by using zebrafish and transposon technologies	https://ztrap.nig.ac.jp	kokawaka@lab.nig.ac.jp

Department of Evolutionary Studies of Biosystems / SOKENDAI, Hayama, Kanagawa

Organization 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	ARIKAWA Kentaro KINOSHITA Michiyo	Neuroethology	Insect vision We apply multiple techniques including electrophysiology, electron microscopy, behavioral analysis, optical physiology, molecular biology, computer simulation etc.		
Department of Evolutionary Studies of Biosystems, SOKENDAI	OTA Tatsuya	Molecular Evolution	Evolution of reproductive systems in plants Evolution of immune systems in vertebrates		ota@soken.ac.jp