

Experts for the Evaluation of ASPIRE 2025

■ Program Director

Name	Position and Institution
MIYANO Kenjiro	Emeritus Fellow, National Institute for Materials Science

■ AI and Information

Name	Position and Institution	Role
YAGI Yasushi	Specially Appointed Professor, D3 Center, The University of Osaka	Program Officer
AKUTSU Tatsuya	Professor, Institute for Chemical Research, Kyoto University	Advisor
INOMATA Atsuo	Professor, Office for Information Security, The University of Osaka	Advisor
IMAI Michita	Professor, Department of Information and Computer Science, Keio University	Advisor
IWATA Satoru	Professor, The Graduate School of Information Science and Technology, The University of Tokyo / Principal Investigator, ICReDD (Institute for Chemical Reaction Design and Discovery), Hokkaido University	Advisor
OKABE Yasuo	Professor, Academic Center for Computing and Media Studies, Kyoto University	Advisor
KATO Kazuhiko	Vice President/ Executive Director, University of Tsukuba	Advisor
SATO Yoshinobu	Professor Emeritus, Division of Information Science, Nara Institute of Science and Technology	Advisor
SHINOHARA Ayumi	Professor, Graduate School of Information Sciences, Tohoku University	Advisor
SUGIMOTO Akihiro	Professor, Digital Content and Media Sciences Research Division, National Institute of Informatics	Advisor
TAKEDA Kazuya	Professor / Special President Advisor, Institute of Innovation for Future Society, Nagoya University	Advisor
NAKAMURA Yuichi	Professor, Academic Center for Computing and Media Studies, Kyoto University	Advisor
NODA Itsuki	Professor, Research Faculty of Information Science and Technology,	Advisor

	Hokkaido University	
NOMURA Taishin	Professor, Graduate School of Informatics, Kyoto University	Advisor
BABAGUCHI Noboru	Professor / Dean, Faculty of Management and Information Sciences, Fukui University of Technology	Advisor
MAEDA Eisaku	Professor / Dean, School of System Design and Technology, Tokyo Denki University	Advisor
MASE Kenji	Designated Professor / Professor Emeritus, Center of Artificial Intelligence, Mathematical and Data Science, Nagoya University	Advisor
MATSUI Tomoko	Professor, Department of Interdisciplinary Statistical Mathematics, The Institute of Statistical Mathematics	Advisor
MINOH Michihiko	Project Director, Guardian Robot Project, RIKEN Information R&D and Strategy Headquarters	Advisor
MURATA Masayuki	Specially Appointed Professor, Graduate School of Information Science and Technology Department of Information Networking, The University of Osaka	Advisor
MORITA Hiroshi	Professor, Graduate School of Information Science and Technology, The University of Osaka	Advisor

■ **Biotechnology**

Name	Position and Institution	Role
TAKEYAMA Haruko	Professor, School of Advanced Science and Engineering, Waseda University	Program Officer
IGARASHI Kiyohiko	Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo	Advisor
OZAWA Takeaki	Professor, Graduate School of Science, The University of Tokyo	Advisor
KAMIYA Noriho	Professor, Department of Applied Chemistry, Graduate School of Engineering, Kyushu University	Advisor
TAKAGI Masahiro	Professor, Graduate School of Advanced Science and Technology, Japan Advanced Institute of Science and Technology	Advisor
TAKEDA Mizuho	CEO, Medical Venture Partners, Inc.	Advisor

TABATA Satoshi	Director, Kazusa DNA Research Institute	Advisor
HASHIMOTO Setsuko	President & CEO, CellSeed Inc.	Advisor
MATSUI Minami	Project Professor, Kihara Institute for Biological Research, Yokohama City University	Advisor
MIYASHITA Hideaki	Professor, Graduate School of Human and Environmental Studies, Kyoto University	Advisor
YOSHINO Tomoko	Professor, Institute of Engineering, Tokyo University of Agriculture and Technology	Advisor

■ Energy

Name	Position and Institution	Role
KANNO Ryoji	Institute Professor / Director, Research Center for All-Solid-State Battery, Institute of Innovative Research, Institute of Science Tokyo	Program Officer
IBA Hideki	Chief Professional Engineer, Advanced Material Engineering Division, Toyota Motor Corporation	Advisor
INABA Minoru	Professor, Faculty of Science and Engineering, Doshisha University	Advisor
OTOMO Toshiya	Professor, Institute of Materials Structure Science, High Energy Accelerator Research Organization	Advisor
KANEMITSU Yoshihiko	Specially Appointed Professor, Institute for Chemical Research, Kyoto University	Advisor
SAKAEBE Hikari	Professor, Institute for Materials Chemistry and Engineering, Kyusyu University	Advisor
SAKURAI Yoji	Professor Emeritus, Toyohashi University of Technology	Advisor
NAKAMURA Yumiko	Deputy Director, Energy Process Research Institute, Department of Energy and Environment, AIST	Advisor
HORITA Teruhisa	Deputy Director, Research Strategy Headquarters / Assistant Director, Department of Energy and Environment, AIST	Advisor
HONMA Itaru	Professor, Institute of Multidisciplinary Research for Advanced Materials, Tohoku University	Advisor

■ **Materials**

Name	Position and Institution	Role
AIDA Takuzo	Group Director, Emergent Soft Matter Function Research Group, RIKEN / Distinguished University Professor, Tokyo College, The University of Tokyo Institutes for Advanced Study	Program Officer
ISHIDA Yasuhiro	Team Leader, Center for Emergent Matter Science, RIKEN	Advisor
UCHIDA Kenichi	Distinguished Group Leader, Research Center for Magnetic and Spintronic Materials, National Institute for Materials Science	Advisor
KATAOKA Kazunori	Vice Chairperson, Kawasaki Institute of Industrial Promotion/ Center Director, Innovation Center of NanoMedicine	Advisor
KATAOKA Jun	Professor, Faculty of Science and Engineering, Waseda University	Advisor
KITAGAWA Susumu	Distinguished Professor, Institute for Advanced Study, Kyoto University / Executive Vice President of Kyoto University	Advisor
KITAGAWA Hiroshi	Professor, Graduate School of Science, Kyoto University	Advisor
TAJIMA Keisuke	Team Leader, Center for Emergent Matter Science, RIKEN	Advisor
HAMACHI Itaru	Professor, Graduate School of Engineering, Kyoto University	Advisor
YAMAUCHI Yusuke	Distinguished Professor, Graduate School of Engineering, Nagoya University	Advisor
YAMAGUCHI Shigehiro	Professor, Institute of Transformative Bio-Molecules, Nagoya University	Advisor

■ **Quantum**

Name	Position and Institution	Role
KAWAKAMI Norio	Deputy Program Director, Fundamental Quantum Science Program, Transformative Research Innovation Platform (TRIP) of RIKEN platforms, RIKEN	Program Officer
AKIYAMA Hidefumi	Professor, The Institute for Solid State Physics, The University of Tokyo	Advisor
KASAHARA Yuichi	Professor, Faculty of Science, Kyushu University	Advisor

KATSUMOTO Shingo	Professor, Faculty of Science and Engineering, Tokyo City University	Advisor
KAWABATA Shiro	Professor, Faculty of Computer and Information Sciences, Hosei University	Advisor
KOBAYASHI Kensuke	Professor, Graduate School of Science, The University of Tokyo	Advisor
SUZUKI Yoshishige	Researcher, Center for Information and Neural Networks, National Institute of Information and Communications Technology	Advisor
TOKURA Yasuhiro	Professor, Faculty of Pure and Applied Sciences, University of Tsukuba	Advisor
HIRANO Takuya	Professor, Graduate School of Science, Gakushuin University	Advisor

■ **Semiconductor**

Name	Position and Institution	Role
AMANO Hideharu	Project Researcher, School of Engineering, Systems Design Lab, The University of Tokyo	Program Officer
IIDA Masahiro	Professor, Research and Education Institute for Semiconductors and Informatics, Kumamoto University	Advisor
IWASAKI Hiroe	Professor, Institute of Engineering, Tokyo University of Agriculture and Technology	Advisor
ENDOH Tetsuo	Director, Center for Innovative Integrated Electronic Systems/ Professor, Graduate School of Engineering, Tohoku University	Advisor
OKURA Shunsuke	Professor, Department of Electronic and Computer Engineering, Ritsumeikan University	Advisor
NAKAMURA Hiroshi	Professor, Graduate School of Information Science and Technology, The University of Tokyo	Advisor
HIRAMOTO Toshiro	Professor, Institute of Industrial Science, The University of Tokyo	Advisor
MOTOHISA Junichi	Director, Research Center for Integrated Quantum Electronics / Professor, Faculty of Information Science and Technology, Hokkaido University	Advisor

■ Telecommunication

Name	Position and Institution	Role
YAMANAKA Naoaki	Specially Appointed Professor, Keio University	Program Officer
UYEMATSU Tomohiko	Director / Specially Appointed Professor, Tokyo Shibuya Study Center, The Open University of Japan	Advisor
OKI Eiji	Professor, Graduate School of Informatics, Kyoto University	Advisor
SASASE Iwao	Emeritus Professor, Keio University	Advisor
SUZUKI Masatoshi	Vice President / Professor, Chitose Institute of Science and Technology	Advisor
TOMIZAWA Masahito	Senior Executive Vice President and CTO, NTT Innovative Devices Corporation	Advisor
NAKANO Yoshiaki	President / Professor, Toyota Technological Institute	Advisor
HASEGAWA Hiroshi	Professor, Graduate School of Engineering, Nagoya University	Advisor

*Titles omitted. Advisors listed in Japanese syllabary order by surname. Affiliations and positions as of December 2025.