

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

## ■ Biotechnology

| Name              | Position and Institution  | Role            |
|-------------------|---|-----------------|
| TAKEYAMA Haruko   | Professor, School of Advanced Science and<br>Engineering, Waseda University   | Program Officer |
| IGARASHI Kiyohiko | Professor, Graduate School of Agricultural and<br>Life Sciences, The University of Tokyo                                | Advisor         |
| OZAWA Takeaki     | Professor, Graduate School of Science,<br>The University of Tokyo   | Advisor         |
| KAMIYA Noriho     | Professor, Department of Applied Chemistry,<br>Graduate School of Engineering,<br>Kyushu University                     | Advisor         |
| TAKAGI Masahiro   | Professor, Graduate School of Advanced<br>Science and Technology, Japan Advanced<br>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,<br>Keio University  | Program Officer |
| UYEMATSU Tomohiko | Director / Specially Appointed Professor,<br>Tokyo Shibuya Study Center,<br>The Open University of Japan | Advisor         |
| OKI Eiji          | Professor, Graduate School of Informatics,<br>Kyoto University   | Advisor         |
| SASASE Iwao       | Emeritus Professor, Keio University  | Advisor         |
| SUZUKI Masatoshi  | Vice President / Professor,<br>Chitose Institute of Science and Technology                               | Advisor         |
| TOMIZAWA Masahito | Senior Executive Vice President and CTO,<br>NTT Innovative Devices Corporation                           | Advisor         |
| NAKANO Yoshiaki   | President / Professor,<br>Toyota Technological Institute   | Advisor         |
| HASEGAWA Hiroshi  | Professor, Graduate School of Engineering,<br>Nagoya University  | Advisor         |

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