

## NIMS AWARD SYMPOSIUM 2025

**Advanced Energy Materials & Technologies** to Shape our Sustainable Future

- Perovskite Solar Cells -

## November 11 (Tue), 2025

TSUKUBA International Congress Center Convention Hall 300

Instrumental roles in developing the perovskite solar cell and for taking key steps toward its practical application





Prof. Tsutomu Miyasaka Toin University of Yokohama

Prof. Henry J. Snaith University of Oxford

Prof. Nam-Gyu Park Sungkyunkwan University

Prof. Masakazu Sugiyama The University of Tokyo

Prof. Yi Hou National University of Singapore

Prof. Atsushi Wakamiya **Kyoto University** 

Dr. Takurou Murakami

Prof. Yuko Takeoka Sophia University

Dr. Yukihiro Kaneko Panasonic Holdings Corporation

\*Order of Presentations



https://www.nims.go.jp/ nims-award-symposium/

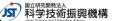
Free Admission



NIMS Award 2025 Winners







## Advanced Energy Materials & Technologies to Shape our Sustainable Future

## - Perovskite Solar Cells -

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9:30 -10:00	Registration
10:00 - 10:15	Opening Remarks and Overview of NIMS by President Kazuhiro Hono
10:15 - 10:20	Greetings from Guest of Honor
10:20 - 10:35	NIMS Award Ceremony "Development and Practical Application of Perovskite Solar Cells"
10:35 - 11:15	NIMS Award Winning-lecture Tsutomu Miyasaka Project Professor, Faculty of Biomedical Engineering, Toin University of Yokohama "Discovery of Perovskite Photovoltaics and Recent Research Progresses towards Social Implementation"
11:15 - 11:45	Invited Talk Masakazu Sugiyama IT-01  Professor, Research Center for Advanced Science and Technology, The University of Tokyo  "Photovoltaic for Carbon Neutrality: Device Innovation to System Integration"
11:45 - 12:15	Invited Talk Yi Hou IT-02  Presidential Young Professor, Chemical and Biomolecular Engineering/ Head, Solar Energy Research Institute of Singapore, National University of Singapore  "Unlocking the Efficiency Potential of Perovskite Solar Cells: from Single-junction to Triple-junction"
12:15 - 12:20	Photo Session
12:20 - 13:30	Lunch Break & Poster Session (Core time 13:00-13:30) Latest Research of NIMS GREEN*
13:30 - 14:10	NIMS Award Winning-lecture  Henry J. Snaith The Binks Professor of Renewable Energy, Department of Physics, University of Oxford  "Metal Halide Perovskite Solar Cells, from a Scientific Curiosity towards an Industrialized Technology"
14:10 - 14:40	Invited Talk Atsushi Wakamiya IT-03  Professor, Institute for Chemical Research, Kyoto University  "Materials Innovations for Practical Perovskite Photovoltaics"
14:40 - 15:10	Invited Talk Takurou Murakami (IT-04) Research Team Leader, Perovskite Solar Cells Research Team, AIST "Toward Commercialization: Research and Development of Perovskite Solar Cells"
15:10 - 15:30	NIMS Talk Yasuhiro Shirai NT-01 Group Leader, Photovoltaic Materials Group, GREEN "Development of Interface Materials for Efficient and Stable Perovskite Solar Cells"
15:30 - 15:50	Coffee Break, Poster Session
15:50 - 16:30	NIMS Award Winning-lecture NA-03 Nam-Gyu Park Lifetime Distinguished Professor, School of Chemical Engineering/ Director, SKKU Institute of Energy Science and Technology (SIEST), Sungkyunkwan University "Discovery of Practical Perovskite Solar Cells"
16:30 - 17:00	Invited Talk Yuko Takeoka T-05  Professor, Department of Materials and Life Science, Faculty of Science and Engineering, Sophia University "Utilization of Two-Dimensional Perovskite Structure for Optical Application"
17:00 - 17:30	Invited Talk Yukihiro Kaneko (T-06)  General Manager, Head of Perovskite Photovoltaics Business Promotion Office, Panasonic Holdings Corporation "Development of Building Integrated Perovskite Photovoltaic Glass"
17:30 - 17:50	NIMS Talk Islam Ashraful NT-02 Chief Researcher, Photovoltaic Materials Group, GREEN "A Path toward High-Performance Stable Sn based Perovskite Solar Cells"
17:50 - 17:55	Closing Remarks



NIMS Award Reception 1F Multi-purpose Hall

18:00 - 20:00