

NIMS AWARD SYMPOSIUM 2025

Advanced Energy Materials & Technologies
to Shape our Sustainable Future

- Perovskite Solar Cells -


Date / Venue **November 11 (Tue), 2025**

TSUKUBA International Congress Center
Convention Hall 300


NIMS Award 2025 Winners

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

Invited Speakers

Prof. Masakazu Sugiyama
The University of Tokyo

Prof. Yi Hou
National University of Singapore

Prof. Atsushi Wakamiya
Kyoto University

Dr. Takuro Murakami
AIST

Prof. Yuko Takeoka
Sophia University

Dr. Yukihiro Kaneko
Panasonic Holdings Corporation

*Order of Presentations

Registration



[https://www.nims.go.jp/
nims-award-symposium/](https://www.nims.go.jp/nims-award-symposium/)

Free Admission

Advanced Energy Materials & Technologies to Shape our Sustainable Future - Perovskite Solar Cells -

NIMS AWARD SYMPOSIUM 2025

November 11 (Tue), 2025 | Convention Hall 300, TSUKUBA International Congress Center

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 (NA-01)

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 (NA-02)

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 (IT-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 (IT-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

18:00 - 20:00 | **NIMS Award Reception** 1F Multi-purpose Hall

* GREEN : Research Center for Energy and Environmental Materials