

# 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. Takurou 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