

**MATERIALS RESEARCH SOCIETY  
OF SINGAPORE**

**INTERNATIONAL CONFERENCE**

# **MATERIALS FOR HUMANITY 2021**

**Securing a Sustainable Future**

**6 - 9 JULY 2021**

# ABOUT THE CONFERENCE

- 2 sessions per day to suit global time zones
- 6 themes, 18 symposia: invited talks, contributed talks, video posters and PDF posters
- Flipped conference: pre-recorded talks & poster presentation available before conference; live discussions throughout the conference days
- 8 plenary lectures with live Q&A

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# PLENARY SPEAKERS

- **Claudia Felser** **Max Plank Institute for Chemical Physics of Solids, Germany**
- **Gao Huajian** **Nanyang Technological University, Singapore**
- **Jing Kong** **Massachusetts Institute of Technology, United States**
- **Matthias Scheffler** **Fritz Haber Institute of the Max Plank Society, Germany**
- **Naomi Halas** **Rice University, United States**
- **Takao Someya** **University of Tokyo, Japan**

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# THEMES & SYMPOSIA

## MATERIALS FOR ENVIRONMENTAL PROTECTION

- A) Pollution Control and Mitigation
- B) Re-cyclability and Re-manufacturing
- C) Plastics Substitution and Recycling

## MATERIALS FOR CLEAN ENERGY & TRANSPORTATION

- D) Energy Storage Materials
- E) Photovoltaic Materials
- F) Novel Energy Materials
- G) Composite and Nanocomposite Materials

## MATERIALS FOR COMMUNICATION

- H) Photonic Materials
- I) Electronic and Magnetic Materials
- J) Quantum Materials

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# THEMES & SYMPOSIA

## **MATERIALS FOR HEALTHY LIVING AND AGING**

- K) Materials for Diagnosis
- L) Materials for Therapeutics & Rehabilitation
- M) Materials for Drug Design & Delivery

## **MATERIALS FRONTIERS**

- N) Computer Aided Materials Design
- O) Materials for Additive Manufacturing
- P) Materials for Food Science and Technology

## **MATERIALS EDUCATION, COMMUNICATION AND LITERACY**

- Q) Post COVID Materials Science EdTech
- R) Art of Science Communication

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