



INTERNATIONAL SYMPOSIUM

GRANSFORMA!

For a Sustainable Society

The 21st SANKEN Nanotechnology International Symposium:

The 4th AIRC-SANKEN International Symposium

The 10th Kansai Nanoscience and nanotechnology International Symposium

The 18th Handai Nanoscience and nanotechnology International Symposium



This symposium focuses most latest developments enforced towards realizing the Efficient Society. The topics will cover the recent advances in the research for clean energy, IoT, AI, DX and the others.

PLENARY SPEAKER

Ifan Stephens (Imperial College of London)

KEYNOTE SPEAKERS

Kiaodong CHEN (NTU, Singapore, Institute of Materials Research and Engineering, A*STAR, Singapore) **Hitoshi WAKABAYASHI** (Tokyo Tech, Research Institute for Earth Inclusive Sensing, Japan)

Hironao SAJIKI (GIFU Pharmaceutical University / The Japanese Society for Process Chemistry, Japan)

Yoshiyuki SHIMODA (RITE, Japan)

Nobuhiro YANAI (Kyusyu University, Japan)

Arkady KRASHENINNIKOV (HZDR, Germany / Aalto University, Finland)

Jianyu HUANG (Yanshan University, China)

INVITED SPEAKERS

Takashi OHSHIMA (Kyusyu University, Japan) **Hideya MIZUFUNE** (SPERA PHARMA, Inc., Japan) **George HASEGAWA** (Nagoya University, Japan)

Hosted by SANKEN, Osaka University





CONTACT: sympo2022@sanken.osaka-u.ac.jp