



20th International Symposium on Electrets

- 100th Anniversary from Mototaro Eguchi's Carnauba-wax Electret -

1 - 5 Sep. 2025
Matsue, Japan

Plenary Speakers



Soft Electrets based on π -Liquids and π -Gels
Dr. Takashi Nakanishi
National Institute of Materials
Science, Japan



**Conditioning Systems for
Tribo-electret Kinetic Energy
Harvesters**
Prof. Philippe Basset
Université Gustave Eiffel /
ESIEE Paris, France



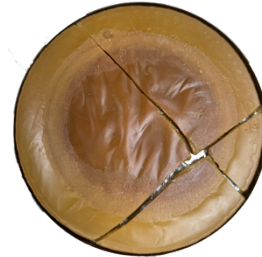
**Polarization Induced Charge
Trapping in Energy
Harvesting and Sensing**
Prof. Pooi See Lee
Nanyang Technological
University, Singapore



**Modulate Electrocaloric
Effect via High Polar Entropy
Ferroelectrics**
Professor Xiaoshi Qian
Shanghai Jiaotong University,
China



**Potentials and
Challenges of
Ultraflexible Electronics**
Dr. Kenjiro Fukuda
RIKEN, Japan



The first carnauba-wax electret (Eguchi, 1925)

Abstract Submission Deadline

11 April 2025

Topics of interest:

- Charge injection, transport & trapping
- Thermally stimulated current & dielectric relaxation
- Nanoscale measurements of electrostatic phenomena
- Ferroelectric, piezoelectric & pyroelectric phenomena
- Ferro- and piezoelectrets
- Photoelectrets
- Electrostatic & dielectric phenomena in life science
- Bioelectrets
- Non-linear electrical & optical effects
- Applications of thin film ferroelectrics
- Electrets in organic electronics
- Electro-electrets
- Electrostatic/electret energy harvesting
- Electrocaloric
- Soft actuators & sensors
- Others

Prospective Authors for technical sessions should submit an abstract for consideration. All abstracts must be submitted by 11 April 2025 .

General Chair

Yuji Suzuki, The University of Tokyo

Technical Program Chair

Takashi Nakajima, Tokyo Univ. of Science