



AMF-AMEC 2023

AMF - 13 : The 13th Asian Meeting on Ferroelectricity
AMEC-13 : The 13th Asian Meeting on Electroceramics

12 – 16 November, 2023 Macao SAR, China

Call for Abstracts

The 13th Asian Meeting on Ferroelectrics jointly with the 13th Asian Meeting on Electroceramics (AMF-13 & AMEC-13) will be held at Macao SAR, China from 12 – 16 November, 2023. The conference is jointly organized by Physical Society of Macao and Dielectric Physics Committee (Chinese Physics Society). Both AMF-13 & AMEC-13 are the 13th conferences in the series. Both conferences have a long history. AMF and AMEC started in 1995 and 1998, respectively. They were held around Asia, such as Mainland China, Hong Kong (China), Singapore, India, Japan, Korea, and Thailand. The most recent AMF & AMEC jointed conference was held in Thailand in 2021. AMF-13 & AMEC-13 aim to provide a platform for materials scientists and engineers, physicists, chemists, etc. to share their recent developments in frontiers of Ferroelectrics and Electroceramics as well as applications in multifunctional devices and green energy technologies and exchange ideas.

The conference will consist of plenary lectures, mini-symposia with invited and contributed oral presentations, and poster sessions. The conference/symposia chairs are calling for abstracts. All researchers in ferroelectrics, electroceramics, computational physics/science, green-energy technologies (such as solar cell, fuel cell, catalysis, water splitting, CO₂ reduction, etc.), and other applications or related disciplines are cordially invited to attend this conference. More detailed topics can be found on the conference webpage. Please submit your abstract through the online submission system. If you want to be an invited speaker, please contact with the symposium organizers or conference chair directly. Additionally, Prospective authors are kindly invited to submit papers to AFM-13&AMEC-13. The submitted paper will be internationally peer-reviewed and only selected papers will be published on SCI journals as a special issue.

The symposia include (to be updated):

A. The ferroelectrics under light field **B.** Multi-field coupling effects in ferroelectrics and electroceramics **C.** HfO₂-based dielectric thin films for ferroelectric memory and energy storage **D.** Ferroelectrics for Energy Conversion and Storage **E.** Ferroelectric thin-film growth and characterization **F** - Structural dynamics studies of functional materials **G.** Ferroelectric and piezoelectric materials and related device designing **H.** Modeling and simulation on 2D ferroelectrics, ferromagnets and multiferroics **I.** Piezocatalysis **J.** Piezoelectric materials and its application in sensors, actuators and transducers **K.** Piezoelectric Acoustic Devices **L.** Multifunctional 2D Piezoelectric Materials and Application **M.** Microwave Dielectric materials **N.** Dielectrics for capacitive energy storage **O.** Multi-scale structure characterization **P.** Electro/magneto/mechano-caloric effects **Q.** Shaping material' s properties by tuning its dimensionality, from 3D to 2D, 1D and beyond **R.** Soft Materials and Smart Sensing Devices **S.** Functional Materials for Smart Sensing & Acoustic Transduction **T.** Neutron application on the study of functional materials **U.** Energy Materials and Systems **V.** Perovskite Solar Cells **W.** Electrocatalysis towards carbon neutrality **X.** Carbon-based Quantum Dots for multi-application **Y.** Surface enhanced Raman scattering(SERS)

Important Dates

15 Jun. 2023
Deadline for Abstract Submission

20 Jun. 2023
Notification of Acceptance

20 Jun. 2023
Open for On-Line Registration
& Fee Payment

15 Aug. 2023
Deadline for Early Bird
Registration and Fee Payment

12 Nov. 2023
Registration

13-16 Nov. 2023
Conference dates

Conference Secretariat

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Abstract Submission