



15th - 18th September



2025 Fall Meeting

Abstract deadline: June 2nd, 2025

Symposium U

Metal Oxide Nanomaterials for Advanced Optoelectronics & Environmental Applications

Hot topics to be covered by the symposium:

- Fabrication and characterization of thin film metal oxides including different deposition methods (magnetron sputtering, ALD, spray pyrolysis, sol gel method etc),
- Nanowires, nanoparticles and other nanostructures,
- Bandgap engineering in oxides using doping, strain and heterostructures formation,
- Enhanced performance of light emitting diodes and thin film transistors,
- Transparent conductive oxide,
- Materials for photocatalysis and photoelectrochemistry,
- Oxides for supercapacitors and battery application,
- Piezoelectric ceramics,
- Oxides for high power electronics and beyond,
- Phase change oxides.

Symposium organizers

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