



MSNG-2025

12th International Conference on Materials Science
and Nanotechnology For Next Generation



SEP | 10-12 | 2025

Sivas Cumhuriyet University, Sivas, TÜRKİYE

CONFERENCE TOPICS

NANO-FUNCTIONAL MATERIALS

- Nano structured materials
- Nanomaterials for Magnetic, Optic, Energy, Electronic Devices
- Nanomaterials for Photovoltaics and Solar Cells
- Nanofabrication and Nanopatterning of organic materials
- Nanolithography, Nanofabrication, Micro & Nano Fluidics
- Micro/Nano materials
- Quantum Dots, Nanopowders
- Smart and Functional Materials
- Nanostructure Semiconductor Materials
- Nanostructure Smart Materials
- Nanostructure Thin Film Transistors
- Intelligent materials systems
- Semiconductor materials manufacturing
- And related topics.

ELECTRIC, MAGNETIC AND SUPERCONDUCTING MATERIALS

- Magnetic Materials
- Magnetic thin films
- Magnetocaloric effect
- Dielectric, Ferroelectric and Piezoelectric materials
- Nanostructure Piezoelectric Materials
- Superconductors
- Shape memory polymers
- Shape-memory alloys
- Spintronics
- And related topics.

ELECTRONIC AND PHOTONICS MATERIALS, METAMATERIAL

- Metamaterial
- Electronic and optoelectronic device applications of materials
- Thin films for optoelectronics, nanoelectronics and spintronics
- Nano-optics, Nano-optoelectronics, Nano-Photonics and Nano-photonics
- Nanostructure Light Emitting Diode
- Nanostructure Organic Electronics
- Optical materials
- Optical thin films
- And related topics.

MATERIALS FOR ENERGY

- Batteries, Lithium Ion Batteries
- Fuel Cells
- Supercapacitors
- Thin films in Energy Harvesting and Storage
- Advanced Nuclear Materials
- Nanostructure Dye Sensitized Solar Cells
- And related topics.

COMPOSITE MATERIALS

- Nanocomposites
- Coatings and surface engineering
- Composites
- Fibers
- And related topics.

2D-MATERIALS

- Synthesis and Growth
- Graphene
- Van der Waals Heterostructures
- Carbon and carbon-based materials
- Electronic Transport Properties
- Devices
- Optoelectronic Properties
- Chemical Functionalization
- Catalysis
- Surface Science of 2D Material
- And related topics.

CERAMICS AND GLASSES

- Advanced Ceramic Materials, Ceramics, Electroceramics
- Nanostructure Dielectric Materials
- Synthesis of ceramics
- And related topics.

BIO-MATERIALS

- Artificial Organs and tissue Engineering.
- Innovative biomaterials for organ and tissue repair.
- Advances in Bioelectronics
- Bioceramics and Biocomposites
- Bioengineering Sciences
- Biomaterials
- Biomedical and medicine of polymers
- Biomedical manufacturing
- Biosensors and Advances in Biosensors
- Biotechnology Sciences
- Functional biomaterials for drug delivery
- Thin Films in Biological and environmental Applications
- Nanomaterials in Bioapplications
- Nanomedicine and Nanobiotechnology.
- Nanostructure Biosensor, Gas Sensor, Humidity Sensor, Photosensor
- Nanostructure Bio nanomaterials
- And related topics.

IMPORTANT DATES

Early Registration Begins: 15 June 2025

Abstract Submission Begins: 15 June 2025

Abstract Submission Deadline: 30 August 2025

Notification of Acceptance: 5 September 2025

Early Bird Registration: 5 August 2025

Announcement of the Program: 8 September 2025

Onsite Registration: 10-12 September 2025

Full Paper Submission Deadline: 30 September 2025



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