NANOSMAT 2026 - 17th International Conference on Surfaces Coatings and Nanostructured Materials

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Title	NANOSMAT 2026 - 17th International Conference on Surfaces Coatings and Nanostructured Materials
When	Mo, 6. Juli 2026 - Fr, 10. Juli 2026

Description

NANOSMAT 2026 – the 17th International Conference on Surfaces, Coatings and Nanostructured Materials (NANOSMAT 2026)

The NANOSMAT 2026 is taking place at the Sheraton Resort Hotel, 6–10 July 2026, in Rhodes, Greece.

The Topics of upcoming event are:

NANOSCIENCE - focused on theoretical and computational (modeling) aspects of Nano. The symposium collects also contributions aiming to a better understanding of the structure and properties of nanomaterials.
• Theoretical aspects in NANO. Quantum and surface effects in nanomaterials
• Carbon based Nanomaterials
• Nanoparticles & Nanofibres
• Ultra-thin films and nanocoatings: structure and properties
• Patterned, nanostructures, and nanoconfined materials
• Nanocomposites
• Interacting nanomaterials (magnetic nanomaterials, conducting nanomaterials, ferroelectric nanomaterials, piezoelectric materials, multiferroic materials, coupled nanomaterials)
• Self-assembly at nanometer scale
• Phase transitions in nanomaterials and nanostructures
• Nanomaterials in extreme environments (nuclear plants, space environment)
• Modeling and simulations of physical and chemical properties
• Tribology and Lubrication Science

NANOTECHNOLOGIES - focused on the synthesis and processing of nanomaterials and related topics.
• Atomic/Molecular techniques for atom/molecules growth and organization
• Advanced technologies for the submicron patterning of materials
• Nanomanufacturing and advanced Nanometrology
• New techniques in the dispersion of nanometer-sized particles
• Enhanced technologies to produce nanomaterials at laboratory and industrial scales

NANOENGINEERING - focused on the applications of nanomaterials.
• Nanomaterials for energy harvesting, storage, and conversion applications
• Nanocatalysis
• NEMS and Nanofluidics
• Nanoporous materials

• Adhesion and self-cleaning
• Nanoscale Sensors (including biosensors)

BEYOND NANO - collects original contributions related to nanobiology, nanomedicine, nanotoxicity, environmental effects of nanomaterials, including related economic aspects.
• The cell and the Nano
• Drug delivery
• Biomaterials and Biomarkers
• Diagnostics & Imaging
• Degradation Processes in Nanomaterials
• Environmental effects and degradation of nanomaterials
• Medical hazards and toxicity of nanomaterials. Nanosafety
• Commercialization of Nanotechnology
• Societal aspects of nanoscience, nanoengineering, and nanotechnologies

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SPECIAL SESSIONS

Special Session 4 INNOVATIONS USING MATERIALS IN NANOTECHONLOGY (SS4)
SPECIAL SESSION 5 NANOMATERIALS FOR CONSTRUCTION MATERIALS AND CARBON CAPTURE TECHNOLOGY (SS5)
Special Session 7 NANOENGINEERING (SS7)
Special Session 9 ADVANCES IN POLYMER NANOCOMPOSITE FILMS: STRUCTURE, INTERFACE ENGINEERING, AND INNOVATIVE APPLICATIONS (SS9)
Special Session 10 ARTIFICIAL INTELLIGENCE (AI) AND NANOTECHNOLOGY (SS1)
Special Session 13 ELECTROMAGNETIC METAMATERIALS: FROM THEORY AND COMPUTATION TO APPLICATIONS (SS13)

Learn more abaout this event by following link:

www.nanosmat.org

Venue - Rhodos

Location	Rhodos
Country	GR