

# NANOSTRUC

## 5th International Hybrid Conference on Structural Nano Composites

NANOSTRUC 2023 - Novel Materials for Future

24-26 May 2023 | Nicosia, Cyprus

### Important Dates

- 14 Nov 2022:** Abstracts Submission  
Deadline for Papers and Posters
- 21 Dec 2022:** Acceptance Notification
- 10 Jan 2023:** Full Papers Submission
- 30 Jan 2023:** Reviewers comments
- 20 Feb 2022:** Final Paper Submission
- 28 Feb 2023:** Early Registration Deadline

### Plenary Speakers

**Prof. Helmut Cölfen**  
University of Konstanz

### Invited Speakers

**Prof. Maria Vamvakaki**  
University of Crete

**Prof. Anastasios J. Tasiopoulos**  
University of Cyprus

**Navinchandra G Shimpi**  
University of Mumbai, India

**Alina Adriana Minea**  
"Gheorghe Asachi" Technical University  
of Iasi, Romania

More to be announced

### Contact details

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#### Academic Matters

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### Call and instructions for submissions

The purpose of the 5th International Conference on Structural Nano Composites (NANOSTRUC 2023) is to promote activities in various areas of materials and structures by providing a forum for exchange of ideas, presentation of technical achievements and discussion of future directions. NANOSTRUC brings together an international community of experts to discuss the state-of-the-art, new research results, perspectives of future developments, and innovative applications relevant to structural materials, engineering structures, nanocomposites, modelling and simulations, and their related application areas.

### Call for papers on the following Conference topics:

#### Synthesis and Characterization

- Graphene and Carbon-based Nanocomposites
- Layered silicates and Silicon-based Nanocomposites
- Metallic and metal oxide Nanocomposites

#### Functional nanomaterials

- Nano-Coatings
- Nano-Pigments
- Biocomposites
- Self-healing materials
- Thin films
- Textile

#### Properties and Performance

- Structural-property relationship
- Mechanical properties
- Impact, Ballistic and Energy Absorption
- Fracture and failure mechanics
- Textile performance

#### Applications

- Automotive materials
- Aerospace applications
- Oil and gas applications
- Medical applications
- Materials for harsh environment
- Nanosensors and Devices
- Biosensors and Biomedical devices
- Water and wastewater applications

#### Safety and protection

- Fire protection
- Nanomaterials and Consumer Products

#### Life Cycle Analysis (LCA)

- Safety of Nanomaterials (Safer-by-Design)
- Water applications

#### Modelling and Simulations

All accepted Papers will be published in the IOP Conference Series: Materials Science and Engineering (MSE) and full papers solicited to a number of ISI Journals associated to NANOSTRUC 2023 Conference

### Useful links

**Website:** <https://nanostruc.info/>

**Abstract Submission Instructions:** <https://www.easyacademia.org/nanostruc2023>

**Venue** | University of Cyprus, New Campus: <https://www.ucy.ac.cy/en/>

Coordinator:

Organizers:



University  
of Cyprus



ROBERT GORDON  
UNIVERSITY ABERDEEN

