



# International Young Scientists Conference on Materials Science and Surface Engineering

September 27-29, 2023 | Lviv, Ukraine

## General Information

We invite post graduate students, young researchers, and academicians under the age of 40 to take part in the Conference MSSE2023 and to engage in the field of Material Science and related disciplines. This Conference brings together young scientists with the aim of sharing their ideas and research, broadening the circle of their interests engaging in collaboration, and simply finding new friends and research partners. The MSSE program consists of only oral presentations and English and Ukrainian are working languages.

## Organizers



## Venue

Karpenko Physico-Mechanical Institute NASU, Lviv

## Important dates

**March 28, 2023**

Paper submission opens

**July 28, 2023**

Deadline for paper submission

**August 14, 2023**

Extended deadline for paper submission

**August 28, 2023**

Paper acceptance notification

## Fee

**50 USD** for Foreign participants

**500 UAH** for Ukrainian participants

## Topics

### Modern Problems of Materials Science

- science challenges and opportunities in materials science and surface engineering;
- ceramics, composites, nanomaterials, biomaterials and materials with special properties;
- surface modification and coating techniques for functional surfaces, coatings and films

### Corrosion Protection of Materials

- coatings and films;
- corrosion control and protection, including inhibitory;
- the fundamental aspect of the material degradation process under the joint action of corrosion and cyclic loading (corrosion fatigue), wear (tribo-corrosion) and stress corrosion cracking

### Fracture Mechanics and Strength of Materials

- applied mechanics and mechanics of materials;
- fracture and strength on functional materials;
- prediction of the resource of long-term operation objects

### Information and Diagnostic Systems

- diagnostic of materials, constructions and systems;
- methods and facilities of measurement, monitoring and analysis in materials science;
- new methods of non-destructive control and their practical application

More info at [msse.org.ua](https://msse.org.ua)



## Address for Inquiries

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