

## International scientific conference "**Diffusion Fundamentals X**"

### INFORMATION LETTER

The international scientific conference "Diffusion Fundamentals X" will be held at the University New Uzbekistan on **September 6 – 8 of the current** year (details: <https://dfx.newuu.uz/> ).

#### **I. General information.**

The international scientific conference "Diffusion Fundamentals X" is held **once every 2 years**.

The conference is considered a scientific multidisciplinary event, and world-class research scientists in the fields of **chemistry, physics, computer science, and mathematics** are invited to it.

Speakers organize lecture sessions on scientific research to solve global problems about **socio-economic** and **political** problems of the world.

#### **II. Conference history.**

To date, the conference has been held **9 times** (more details attached).

The conference was organized mainly in Western countries, including **Germany** (4 times), **Italy** (1 time), **Greece** (1 time), **USA** (1 time), **Russia** (1 time), and **Poland** (1 time).

The following higher educational institutions, which are considered prestigious in the world, took part as organizers:

- **Leipzig University** (*Germany*);
- **University College London** (*UK, 22<sup>nd</sup> place in the world*);
- **University of L'Aquila** (*Italy, ranked among the top 500 in the world*);
- **National Technical University of Athens** (*Greece, ranked among the top 800 in the world*);

- **Rensselaer Polytechnic Institute** (USA, ranked among the **top 600** in the world);
- **Technical University of Dresden** (Germany, **156<sup>th</sup>** in the world);
- **National Research Technological University** (MISiS) (Russia);
- **Friedrich Alexander University Erlangen-Nuremberg** (Germany);
- **Jagiellonian University** (Poland, ranked among the **top 600** in the world).

During the conference, **more than 1 600** explorers and scientists were able to combine great inventions and exclusive solutions to problems.

### **III. International Scientific Conference "Diffusion Fundamentals X"**

The conference, which has an **18-year** history, will continue its work in Uzbekistan at the New Uzbekistan University.

The organizers of the conference this time are **the New Uzbekistan University**, **the Great Eurasian Research Center at the Hong Kong University of Science and Technology**, and **the Saxon Academy of Sciences and Humanities**.

**More than 40** world-renowned scientists from **the European Union** and **other Western countries**, as well as **more than 30** researchers from **Central Asia**, are expected to attend the conference.

In particular, as a speaker at **the University of Chicago** (USA, **13<sup>th</sup>** in the world), **Cornell University** (USA, **20<sup>th</sup>** in the world), **University College London** (UK, **22<sup>nd</sup>** in the world), **Bonn University** (Germany, **89<sup>th</sup>** place in the world) will be attended by eminent researchers-scientists from higher education institutions (a detailed list is given in the brochure).

#### **IV. Organizational matters.**

Researchers interested in participating should register through this link:

<https://docs.google.com/forms/d/e/1FAIpQLScSWI72ZEaokkE3XFGfIVOps6Ahj3EbVJw1MOBoRIfJwplDg/viewform>.

**Air travel, accommodation, and daily expenses** of foreign participants are covered by their own funds. The New Uzbekistan University will **meet** the foreign participant at the airport and will **accompany** him to the hotel.

After the registration is completed, the participant will be assigned a volunteer from among the students of the University and will be provided full support in all organizational matters.

**Responsible for all questions:** Sherzod Mahmudov, Department of Strategic Development, Innovation and Scientific Research. Contact information: 71) 202-41-11 (238/203/218); 90) 910-54-43; e-mail: [sh.maxmudov@newuu.uz](mailto:sh.maxmudov@newuu.uz) CC: [k.matyokubova@newuu.uz](mailto:k.matyokubova@newuu.uz)