



Institute of Applied Physics, National  
Academy of Sciences of Ukraine



UPPSALA  
UNIVERSITET

Department of Physics and Astronomy,  
Uppsala University

**MEMORANDUM of UNDERSTANDING  
between**

**Institute of Applied Physics, Sumy, Ukraine  
and**

**Department of Physics and Astronomy, Uppsala University, Sweden**

The Institute of Applied Physics and the Department of Physics and Astronomy, with the view of promoting and strengthening cooperation and scientific exchanges between the two research organizations, have agreed as follows:

**Article 1**

Both institutes agree to advance cooperation and exchanges in the fields of vacuum breakdowns, electron and plasma technologies, electron microscopy and microanalysis, construction of scientific instruments and their parts, and others which are of mutual interest. The two institutes share the achievements in cooperative scientific research and may use them for their own purposes. The signing of the memorandum involves no financial obligations of any kind.

**Article 2**

The scientific collaboration includes, but is not limited to, the following:

- (a) to organize joint training, programs, conferences, workshops, and research projects;
- (b) to facilitate joint research activities and publications;
- (c) to organize personnel exchange of visiting scholars and students;
- (d) to facilitate joint research work and joint experiments at facilities of both sides.

**Article 3**

- (a) Personnel exchange of visiting scholars and students will be discussed and decided by the two institutes, both institutes may propose the candidates.
- (b) The visitors' compensation and the international traveling expenses will be covered by their home institute and/or the host institute depending on the rules of a supporting project.
- (c) Each institute shall provide and facilitate the use of the related materials, facilities and equipment for the collaboration and is obligated to assist in official procedure of personnel exchange, import and export of necessary materials as well.
- (d) Details of the implementation of these activities may be developed by the parties by mutual agreement and signed as an additional agreement.

**Article 4**

The Memorandum will be in effect from the date of signature for a period of five years. It shall be extended automatically for an additional period of five years at each expiration date unless either party gives six months' advance notice in writing to terminate the Memorandum. The Memorandum was written and signed in two equivalent copies in English, with one copy for each Party.

The undersigned agree to this Memorandum of understanding on behalf of their respective institutes:

Institute of Applied Physics  
National Academy of Sciences of Ukraine

Director  
Oleksandr Lebed, Dr. Sci.

Date 14.02.2025



Department of Physics and Astronomy,  
Uppsala University

Head of department  
Richard Brenner, Prof.

Date 2025-02-12