

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
CHERNIHIV POLYTECHNIC NATIONAL UNIVERSITY

APPROVED

by the Academic Council of the
Chernihiv Polytechnic

National University

on 31 March 2025, Minutes No. 4

Enacted by Order of the Rector

No. 67/VS of 31 March 2025

REGULATIONS

**on the organisation of an international competition for research papers
by students at
Chernihiv Polytechnic National University**

as amended by the decision of the Academic Council

of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector

of 23 February 2026

Chernihiv 2025

1. General Provisions

1.1 These Regulations set out the procedure for organising and conducting the International Competition for Research Papers by Students at Chernihiv Polytechnic National University (hereinafter referred to as the “Competition”), the objectives of the Competition, the requirements for research papers, the submission and consideration of appeals, the selection and awarding of prizes to winners, and the funding of the Competition.

1.2 The Competition is organised by the institution – Chernihiv Polytechnic National University (hereinafter referred to as the University). The co-organisers of the Competition are foreign institutions: the Wrexham University (Wrexham, United Kingdom), the Lodz University of Technology (Lodz, Poland), Riga Technical University (Riga, Latvia), Tallinn University of Technology (Tallinn, Estonia), the University of Extremadura (Badajoz, Spain) and the Bonn-Rhein-Sieg University of Applied Sciences (St. Augustin, Germany). The list of co-organisers and competition categories may be updated each year.

1.3 The competition is held annually with the aim of encouraging academic activity among students and young researchers, developing their creative potential, promoting scientific research, and fostering the integration of education and science within the international academic community. The competition aims to raise the standard of research conducted by students, develop interdisciplinary approaches, facilitate the exchange of experience between students from different countries, and support innovative ideas and their practical implementation.

1.4 Participants in the Competition may be students pursuing higher education at bachelor’s or master’s level (hereinafter referred to as “institutions”) at foreign and Ukrainian institutions, regardless of their form of ownership or administrative status, including foreign nationals and stateless persons studying at these institutions.

1.5 The University is responsible for the organisational and methodological aspects of the competition.

1.6 Supervision of the organisation, conduct and compliance with the requirements of these Regulations is carried out by an Organising Committee established at the University, comprising the Competition organisers, co-organisers, representatives of other higher education institutions, research organisations, businesses, civil society organisations, etc. (subject to their consent).

1.7 During the Competition, personal data is processed in accordance with the requirements of the Law of Ukraine “On the Protection of Personal Data”, and if the Competition is held abroad, in accordance with the applicable legislation of the country in which the Competition is held.

2. Competition Objectives

The main objectives of the Competition are:

- *Promoting research activities* – encouraging students to conduct research and develop new ideas.
- *Promotion of scientific activities* – encouraging a wide range of institutions and young researchers to actively participate in research activities.
- *Development of international cooperation* – establishing contacts between institutions, faculty members, and researchers from different countries; exchanging experience and knowledge.
- *Identifying and supporting talented youth* – providing young researchers with the opportunity to prove themselves and gain recognition for their scientific achievements.
- *Improving the quality of scientific research* – promoting the development of analytical thinking, methodological skills, and academic integrity.
- *Integration of science and education* – promoting the application of scientific research in practical activities and incorporating research findings into the educational process.
- *Development of professional competencies* – developing public speaking skills, critical thinking, and a culture of inquiry.
- *Encouraging interdisciplinary research* – promoting collaboration among representatives of various academic disciplines.

3. Requirements for research papers

3.1 The Competition accepts research papers prepared independently by institutions. The paper must align with the selected research area of the Competition. By nature, research papers must be exploratory, contain elements of scientific novelty and practical value, and not have received awards from national or international competitions.

3.2 A research paper may have no more than two authors, provided they share research materials on the topic of the paper and have a single academic advisor. If the authors of a research paper are from different institutions, there may be two academic advisors from different institutions. A single research paper may not have two academic advisors from the same institution.

3.3 The research must be relevant, demonstrate scientific novelty, and have practical significance.

3.4 Compliance with the principles of academic integrity is mandatory.

3.5 The work must be written in Ukrainian or an EU language, with the presentation delivered in English.

3.6 Research papers must be formatted in accordance with the requirements set forth in Appendix A.

3.7 The title page is the first page of the paper and must be formatted according to the template (Appendix B).

(Clauses 3.5–3.7 of the Regulations, as amended by the decision of the Academic Council of 23 February 2026, Minutes No. 3, and by Order No. 48 of the Acting Rector of 23 February 2026)

3.8 An academic paper must include references to sources of information where ideas, statements or facts obtained by others are used.

3.9 The paper must be accompanied by an abstract (0.5–1 page) summarising the research.

3.10 The total length of the paper must not exceed 25 pages, excluding appendices and the bibliography.

(Clause 3.8 of the Regulations has been deleted; clauses 3.9–3.11 of the Regulations shall be deemed to be clauses 3.8–3.10 respectively, in accordance with the decision of the Academic Council of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector dated 23 February 2026)

3.11 The use of AI tools must be justified and clearly stated in the disclaimer at the end of the work.

(The Regulations have been amended by the addition of clause 3.11 in accordance with the decision of the Academic Council of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector dated 23 February 2026)

3.12 Research papers should be submitted electronically via the channel specified in the information letter.

3.13 Research papers submitted to the Competition in breach of the requirements will not be admitted to the Competition and will be withdrawn from consideration by decision of the competition panels.

4. Organisation of the Competition

4.1 The dates of the tours and stages are determined by the Competition Organising Committee.

4.2 The competition consists of two rounds:

Round 1 – at institutions where the student is enrolled, with a view to selecting the best academic papers for the second round of the competition;

Round 2 – at the University as the host institution for the Competition.

4.3 Round II of the competition will be held in two stages:

stage one – judging the entries;

stage two – holding a closing conference.

4.4 To organise and conduct the first round of the Competition, a selection panel is established at the University by order of the Rector, to institutions submit their research papers. The selection panel for the first round of the Competition selects the best research papers to participate in the second round.

4.5 To organise and conduct the second round of the Competition, an organising committee is established at the host institution, comprising the Competition organisers, co-organisers, representatives of other institutions, research organisations, enterprises, civil society organisations, etc. (by agreement) and a competition panel, one for each specialism, the membership of which shall be approved by order of the head of the host University.

The selection panel comprises academic and academic-teaching staff from the host university, as well as representatives from other institutions, research organisations, businesses, civil society organisations, etc. (subject to their consent). The number of representatives from the host university on the selection panel must not exceed 50% of its approved membership.

4.6 To ensure objectivity and anonymity, the Competition secretaries will anonymise each submitted entry. The surnames and initials of the authors and academic supervisors, as well as the names of the institutions, will be provided to the Jury following the completion of the first stage of the second round of the Competition.

4.7 During the first stage of the second round of the Competition, the selection panel reviews the submitted research papers and arranges for them to be peer-reviewed. Each paper is reviewed by two reviewers. Research papers are not submitted for peer review to institutions where their authors are enrolled.

4.8 The following factors are taken into account when reviewing a research paper:

- the relevance of the thesis topic to the competition's theme;
- the relevance of the issue;

- the degree of novelty and originality of the ideas underpinning the work, and the use of modern research methods;
- the comprehensiveness and quality of the presentation of the main scientific findings;
- the theoretical significance of the work;
- the practical significance of the work;
- the validation of research findings;
- the quality of design.

4.9 Based on the results of the peer review, a ranked list of research papers is compiled and published.

4.10 If signs of academic plagiarism are identified during the peer review of a research paper, the University's selection committee will consider the matter separately and, by its decision,:

- confirms the existence of academic plagiarism and removes the relevant academic work from the competition, notifying the participant and the competition committee of the relevant institution of this fact;
- does not confirm the existence of academic plagiarism and allows the relevant academic work to proceed to the next stage of the Competition.

The selection panel reserves the right to check the work for originality using technical means.

4.11 At its meeting (provided that at least two-thirds of its members are present), the selection committee decides, on the basis of the reviews, which research papers will be selected for the final academic conference. Decisions of the selection committee are taken by a majority of its approved membership. In the event of a tie, the chairperson has the casting vote.

4.12 The selection committee will send invitations to the authors of the relevant research papers via email, inviting them to attend the final academic conference (no later than two weeks before the date of the event) to present their research and defend their work

If, for objective reasons, a participant is unable to attend the final conference in person, they may participate via telecommunications means by means of a video conference, provided they are properly identified.

Following a decision by the selection committee, the final conference may also be held online.

4.13 Information regarding the date of the final conference, the list of invited participants and the titles of their research papers will be published on the University's official website no later than one week before the final conference.

(Clause 4.13 of the Regulations, as amended by the decision of the Academic Council of 23 February 2026, Minutes No. 3, and by Order No. 48 of the Acting Rector of 23 February 2026)

4.14 The title slide of a research paper presented at the final conference must contain only information about the authors and the title of the paper. The presentation file for the final conference must be submitted in PDF format by the deadline set by the organising committee.

(supplemented by clause 4.14 in accordance with the decision of the Academic Council of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector of 23 February 2026)

4.15 The University's Competition Committee maintains a register of student research papers to prevent them from being resubmitted to the Competition.

4.16 Records relating to the second round of the competition are kept at the University for three years.

(Clauses 4.14–4.15 shall be renumbered as clauses 4.15–4.16 in accordance with the decision of the Academic Council of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector dated 23 February 2026)

5. Selection and presentation of awards to the Competition winners

5.1 Following the final conference, the competition committee will summarise the results of the second round of the Competition and decide on the winners, the total number of whom may not exceed 50% of the total number of authors of research papers, and award them with certificates: First class – up to 20%, Second class – up to 30%, Third class – up to 50%. There is no provision for appealing the results of the Competition.

An author (or group of authors) of a research paper who did not attend the final conference cannot be declared the winner.

5.2 The results of the Competition's closing conference are published on the University's official website.

(In clause 5.2, the phrase "Winners' research papers" has been replaced with "Results of the final conference" in accordance with the decision of the Academic Council dated 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector dated 23 February 2026)

5.3 The University's Selection Committee submits the minutes of the Selection Committee meeting and a statistical report to the Organising Committee.

5.4 The University issues the winners' certificates, which are signed by the University Rector. If a certificate is lost, it will not be replaced.

5.5 The academic supervisors of student projects awarded first-, second- and third-class diplomas receive letters of commendation from the University's competition committee.

5.6 The University's Competition Committee, as part of its initiative to recognise institutions, awards certificates to competition participants and presents awards in specific categories.

5.7 The list of winners awarded first-, second- and third-class certificates is approved by order of the University as the lead institution.

6. Funding for the Competition

6.1 The logistical support for the Competition, the costs of reviewing entries and organising the final scientific and practical conference shall be covered by the University and other sources not prohibited by the legislation of Ukraine (and other countries, should the competition be held abroad).

6.2 Travel expenses for participants in the Competition are covered by the institutions at which they are studying.

**Guidelines for the submission of papers
for participation in the International Research Paper Competition
for students
at Chernihiv Polytechnic National University**

The Competition is open to academic papers prepared independently by students in higher education. The paper must correspond to the chosen academic field of the Competition. The papers must be exploratory in nature, contain elements of academic novelty and practical value, and must not have won awards in national or international competitions.

A research paper may have no more than two authors, provided they have shared research material on the topic of the paper and a single supervisor. If the authors of the research paper are students from different institutions, there may be two supervisors from different institutions. It is not permitted to have two supervisors from the same institution for a single research paper.

The work must be written in Ukrainian or an EU language, with the presentation delivered in English.

Adherence to the principles of academic integrity is mandatory. Only original research papers that demonstrate scientific novelty and, following a plagiarism check, have a text similarity rate of no more than 40% will be accepted for the competition.

Research papers must be formatted in accordance with the following requirements:

The text should be set in Times New Roman; line spacing: 1.5; font size: 14; A4 paper (210×297 mm); margins: left – 30 mm, right – 10 mm, top and bottom – 20 mm each.

The total length of the paper must not exceed 25 pages, excluding the abstract, appendices, and the list of references, as well as tables and figures that take up the entire page. The text must be free of spelling, punctuation and stylistic errors.

The paper must follow a specific structure. The main components of the paper's structure are: title page; abstract; table of contents; list of symbols, abbreviations and terms (where necessary); introduction; main body; conclusions; list of references; appendices (where necessary).

The title page is the first page of the work (Appendix B).

An abstract is a concise summary of the main content of the work (up to one page in length). It provides a brief overview of the work's content, outlining the main objective, relevance and research questions. It also sets out the conclusions and findings of the work, as well as the keywords. There should be between five and ten keywords; they are given in the nominative case and listed on a new line, separated by commas, at the end of the abstract.

The table of contents is provided at the beginning of the work. It includes the titles and starting page numbers of all chapters, sub-chapters and sections (where these have headings), including the introduction, chapter conclusions, general conclusions, appendices, list of references, etc.

The introduction briefly outlines the relevance and significance of the chosen topic, the aim and objectives of the work, and the scope and subject of the research; it sets out the scientific propositions put forward by the author personally, and highlights how the findings differ from previously known results; it describes the scientific application of the research findings or provides recommendations for their use; in the case of applied research, it outlines the practical value of the findings.

The main body of the thesis provides a description of the sources used in its preparation and a brief review of the literature on the research topic, including international and domestic academic publications; it outlines the main stages in the development of academic thought on the specific issue and identifies unresolved questions; justifies the choice of research direction, describes the research methodology and techniques; provides information on the scope of the research; analyses and summarises the results obtained, and presents an evaluation of them.

The conclusions should provide a concise summary of the results of addressing the research problem and the objectives set, as derived from the analysis of the selected material, assessments and generalisations. It is necessary to highlight their originality, theoretical and/or practical significance, emphasising the quantitative and qualitative indicators of the results obtained, to substantiate the reliability of the results and to provide recommendations for their use.

The list of references is compiled by the author at their discretion (at the end of the main body of the academic work) using one of the following methods:

- in the order in which the links appear in the text;
- in alphabetical order by the surnames of the first authors or by title;
- in chronological order.

The bibliographic description of the list of references used in an academic paper must be formatted in accordance with the Ukrainian National Standard DSTU

8302:2015 “Information and documentation. Bibliographic references. General provisions and rules for compilation”.

The appendices contain supporting or supplementary material necessary for a comprehensive understanding of the work and a better grasp of the results obtained: formulas, calculations, additional tables, graphs, figures, etc.

Each section of the thesis begins on a new page. The titles of the sections are printed in capital letters, aligned with the text: “TABLE OF CONTENTS”, “LIST OF ABBREVIATIONS”, “INTRODUCTION”, “CHAPTER”, “CONCLUSIONS”, “REFERENCES”, “APPENDICES”. The headings of sub-sections are printed in lowercase letters (except for the first capital letter) with a paragraph indent. Sub-section headings are printed in lowercase letters (except for the first capital letter) with a paragraph indent flush with the text.

The space between a heading (excluding section headings) and the text should be 3–4 line spaces.

Page numbers, chapter numbers, section numbers, paragraph numbers, figure numbers, table numbers and equation numbers should be given using Arabic numerals without the “No.” symbol.

When writing the paper, the author must cite the academic sources, materials, ideas, conclusions and findings used in the work. This makes it possible to verify the information provided. Citations should refer to the latest editions of the publications.

If the work draws on material comprising a large number of pages, the page numbers, figures, tables and equations from the source must be specified precisely.

References to sources within the text are indicated by their serial number in the reference list, enclosed in square brackets, for example, “...in the works [1–7]...”.

If a reference to specific information is required within the text, the quotation should be placed in quotation marks, whilst the reference should be enclosed in square brackets, indicating the source’s serial number in the reference list and the relevant page number. For example: “... the acquisition of scientific knowledge involves working with facts that characterise a particular phenomenon, developing a scientific hypothesis (theory) that explains a particular phenomenon, and designing an experiment to prove the proposed theory [8, p. 37]”.

References to figures in the text of the paper are indicated by the figure number, for example “Fig. 1.2”.

Formulas in the text of the paper should be placed immediately after the reference to them. Hyphenation within a formula is permitted only at the equal sign, plus sign, minus sign, multiplication sign and division sign, with the symbol repeated

on the following line. The formula number should be placed on the right-hand side of the page, aligned with the bottom margin.

Illustrative material is used in this paper to present the research findings and their rationale more clearly. The most commonly used types include: drawings, diagrams, tables, charts, graphs, schematics and photographs.

All illustrations must be referenced in the text of the paper. If an illustration exceeds one-third of a page in size, it must be included in the appendices.

The caption for the illustration appears immediately after its number, at the bottom.

Digital content is presented in the form of tables. The word “Table” is capitalised, written in italics and placed in the top right-hand corner of the page, whilst its title is centred, aligned with the text, and set in bold. The table is placed after it is first mentioned in the text.

If the author holds patents, copyright certificates for their work, scientific articles, etc., copies of the supporting documents must be submitted at the time of registration.

Research papers and supporting documents must be submitted electronically in PDF format. Details of the author(s) and the research supervisor must be provided at the time of registration.

(The Regulations have been supplemented by Appendix A in accordance with the decision of the Academic Council of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector dated 23 February 2026)

CODE: «_____»

International Competition for Research Papers by Students
«Siver Student Science»

RESEARCH PAPER

BY A STUDENT

Field of study – «_____»

on the subject of:

«_____»

20____

(The Regulations have been supplemented by Appendix B in accordance with the decision of the Academic Council of 23 February 2026, Minutes No. 3, and Order No. 48 of the Acting Rector dated 23 February 2026)