

FECET

GENERAL

REGULATION

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GENERAL REGULATION 4th FECET 2025**PRESENTATION****I. Event**

The 4th FECET - Sciences, Engineering and Technology Fair consists of the exposition of research projects developed by students from early childhood education through post-secondary education (undergraduate).

II. Organizing entities

The 4th FECET will be organized and realized by EUREKA - School of Technology and Research.

III. Identification data

Event: 4th FECET – Sciences, Engineering and Technology Fair

Realização: Eureka – School of Technology and Research

Event Date : 26 a 30 de Agosto de 2025.

Target Audience: Student and teacher from early childhood education, elementary education, secondary and technical education and post-secondary education, School's principals, Science fair Coordinators and entrepreneurs

Location: **Cascavel Pedro Luiz Boaretto Convention and Event Center**, St. Fortunato Beber, 987 - Pacaembu, Cascavel - PR, 85816-540

OBJECTIVES**IV. General objectives**

Stimulate creativity and problem solving through scientific research, developing innovative solutions seeking emergence of future researches and entrepreneurs.

V. Específic objectives

- A. Encourage the production and sharing of scientific knowledge.
- B. Promote systematic research and documentation through project development, execution, and presentation.
- C. Foster scientific development and integration between students and teachers.
- D. Highlight the importance of scientific research and its applications in society.
- E. Engage the community with activities related to science, technology, and culture, valuing creativity, scientific attitude, and innovation.
- F. Evaluate and award the best projects with prizes and recognitions.

PARTICIPATION CRITERIA**VI. 4th FECET Participants**

Eligible participants include students officially enrolled in educational institutions, working on a project under the mandatory supervision of one (1) teacher as an advisor and optionally one (1) co-advisor.

Accompanying members such as school directors, family members, and other teachers may participate in the project team but will not receive certificates or formal recognition.

Participation fees are detailed in section 22.

VII. Student Grades

Students must belong to the following educational levels:

Preschool (INF): Brazilian students with ages 2 to 5 years.

Primary School I (EF1): Brazilian students in grades 1 through 5.

Primary School II (EF2): Brazilian students in grades 6 through 9.

Secondary and Technical Education (EMT): Brazilian students in grades 10 through 12 or technical equivalent.

Post-secondary Education (EPM): Brazilian students in adult education or early undergraduate studies.

International Students (INT): Non-Brazilian students developing research projects in grades 1 through 12 or early undergraduate studies.

VIII. Advisors and Co-Advisors

Each project must include one (1) teacher advisor, aged 21 or older, with at least a high school diploma or technical education.

Optionally, one (1) co-advisor may be included, aged 18 or older, with similar qualifications.

There is no limit to the number of teams an advisor or co-advisor can mentor.

Others advisors can still participate as Accompanying Members

IX. Accompanying Members

Accompanying members must register in the same manner as other participants. Minor students not accompanied by an advisor or co-advisor must be supervised by a registered adult (18+).

X. Volunteers

Volunteers must be 18+ undergraduate students or high school/college teachers.

A limited number of volunteer slots will be available, and confirmation will be provided via email or phone.

Volunteers will receive a certificate of participation with documented hours.

RESEARCH PROJECTS**XI. Composition**

Research projects are student-developed and displayed during the fair.

They must include supporting documents and, if applicable, a prototype or functional demonstration.

Research projects must be eligible in one of 8 main areas of knowledge.

XII. Documents

Required documents vary by category but may include reports, banners, research plans, participation forms, and handwritten logs. Formatting guidelines are provided on the official website.

- A. Report, to be made available digitally prior to the fair and in printed form during the fair period. The report must follow the model provided on the fair's website.
- B. Banner, to be made available digitally prior to the fair and in printed form during the fair period. The banner must be made in the size of 90 cm in width by 120 cm in height, with its format either free or following the model provided on the website. The content of the banner should not contain any inappropriate or improper images or text (refer to details in section XXVIII), and all the content must be visible from at least 1.5 meters away.
- C. Logbook/Field Notebook, to be made available during the exhibition period, and must be handwritten..
- D. Research plan, to be submitted during project registration. The research plan should contain the following sections: abstract, objective, hypothesis, materials and methods, results, conclusions, and references.
- E. Participation forms, required during the confirmation of participation, to define the eligibility of the projects and participants.

XIII. Areas of Knowledge

Projects must align with one of eight main knowledge areas:

- Agricultural Sciences (AGR)
- Biological Sciences (BIO)
- Exact and Earth Sciences (EXA)
- Humanities (HUM)
- Health Sciences (SAU)
- Social Sciences (SOC)
- Engineering (ENG)
- Linguistics, Literature, and Arts (LLA)

Each area has between 3 to 5 subareas, allowing projects the opportunity to specify the theme their research addresses. The knowledge subareas are:

- Agroecology
- Forestry Sciences
- Agricultural Engineering
- Rural Extension
- Agricultural Microbiology
- Genetics
- Botany
- Zoology and Ecology
- Physiology, Biochemistry, and Biophysics
- Immunology, Microbiology, and Parasitology
- Computing
- Paleontology
- Mathematics, Physics, and Astronomy
- Philosophy
- Sociology
- Education
- History and Political Science
- Medicine
- Diagnosis and Treatment of Diseases
- Administration
- Architecture, Urbanism, and Design
- Communication, Information, and Museology
- Law
- Economics
- Civil Engineering
- Mechanical Engineering
- Electrical Engineering
- Electronics Engineering
- Materials Engineering
- Linguistic Theory and Analysis
- Phonetics, Phonology of Letters
- Audiovisual, Scenic, Tactile, and Digital Arts
- Nursing
- Psychology and Neurology

The evaluation and award criteria can be found in sections XXXI and XXXIV, respectively.

REGISTRATION**XIV. Registration Form**

Registration must be completed online via the form available on the fair's website <eurekarobotica.com.br/fecet/> between December 9, 2024, and May 23, 2025.

The registration form requires project details, participant information, and school details.

Registration for accompanying members and volunteers will only open after the finalist list is released.

XV. Project Information

It consists of filling in the details of the project developed by the students. The required information varies depending on the project category.

International Students: The requested information includes the Abstract, Objective, Hypothesis, Materials and Methods, Results, Conclusion, and Bibliographic References.

XVI. Student Information

It consists of filling in the details of the students responsible for the project.

The requested information includes Name, Age, Email, Cellphone, Official document, and the student's grade level for the year 2025.

For students in accredited projects, the grade level should correspond to the year they received the accreditation.

A maximum of three students can be registered per project for work presentations (no exceptions).

The team may be composed of students from different grades and courses, but all must fit within the same category.

In case of teams with students from different grades, the responsible student will always be the oldest among the group.

Each team can have a maximum of one advisor and one co-advisor, with the registration of the advisor being mandatory and the co-advisor optional.

XVII. Student Substitutions

Each student may participate in only one project and team member changes will not be allowed after the confirmation of participation, unless a new payment is made for the student replacement.

The exchange of students can only occur within the established period for confirming participation in projects. The fee for the new student will be the same as that charged to the original students.

SELECTION OF FINALISTS

The registered projects will be analyzed and selected by the CRC - Scientific Review Center, to participate in the IV FECET as finalist projects.

XVIII. Evaluation of Finalists

The evaluation will be conducted based on the information provided during the project registration for FECET.

The following topics will be evaluated:

- Relevance of the research;
- Quality of the work;
- Results and conclusions achieved.

A score of 0 to 1000 will be assigned to each project, which will be used to determine the best registered projects.

XIX. First Finalists

The first list of finalist projects will be posted on 26/05/2025 on the official FECET website and Instagram: @fecet_oficial.

The finalists will have a deadline from 26/05/2025 to 06/06/2025 to submit the documents requested by the CRC - Scientific Review Center and to make the payment for the registration fee and confirm their participation in the event.

If a finalist project withdraws or fails to submit the required documents by the specified date, the project will lose its spot, and the spot will be reassigned to another project.

XX. Second Finalists

A second round of finalists will be announced on June 9, 2025. All second-round finalists must complete documentation and fee payment by June 20, 2025.

XXI. Accredited projects

Projects accredited by other fairs to participate in the IV FECET will still need to register through the form and confirm their participation. The accreditation only allows automatic selection as a finalist.

PARTICIPATION CONFIRMATION

The finalist team must confirm their participation in the IV FECET by paying the participation fee and submitting the project documents through the form available on the website <eurekarobotica.com.br/fecet/> and the official FECET Instagram: @fecet_oficial. Dates can be checked through the official schedule.

XXII. Participation fee.

The participation fee is as follows:

- R\$305.00 for individual projects;
- R\$340.00 for double projects;
- R\$375.00 for trio projects;
- An additional R\$100.00 per teacher or accompanying person involved in the project.

The teacher and accompanying person fee is UNIQUE and will only be charged once, regardless of the number of projects they are involved in.

Payment details will only be available after the finalist list is announced.

XXIII. Submitted documents.

The project documents consist of submitting the mandatory forms, optional forms, the banner to be presented at the fair, the scanned field notebook/logbook, and the report OR scientific article.

Projects that have not paid the participation fee for the IV FECET or have not submitted the required documents within the established period will be classified as disqualified and will lose their finalist spot in the fair.

The schedule and any other information can be viewed through the website <eurekarobotica.com.br/fecet/> or Instagram @fecet_oficial.

CREDENCIAMENTO

All members of the finalist teams must complete the accreditation on the day of the event, following the schedule.

The accreditation will be divided into two stages: personal accreditation and scientific accreditation.

XXIV. Personal accreditation

During personal accreditation, each participant must go to the CRC booth and present an official photo ID.

During personal accreditation, teams will receive participation kits, their booth location for setup, general instructions about the fair, and proceed to scientific accreditation.

- A. The participation kits include a pen, water bottle, t-shirt, and identification badge.
- B. T-shirt sizes will be selected during payment confirmation.
- C. Identification badges must be worn at all times during the project presentation and evaluation periods, but their use is optional during other times.
- D. The badge, in addition to serving as personal identification, is used to verify participation in the fair. If lost, the student will be disqualified from participation or will need to pay the project registration fee of R\$305.00 again to be requalified for presentation.

XXV. Scientific accreditation

Scientific accreditation consists of **setting up and approving the project booth** by the CRC.

After setting up the booth, **the student(s) must wait at the booth until a representative from the CRC arrives** to begin the scientific accreditation.

During the scientific accreditation, the representative will check if the project and booth comply with the participation rules. After the verification, the project will receive an approval certificate, which must be displayed throughout the entire exhibition period.

Once scientific accreditation is completed, the students are free to dismantle the booth and visit other areas of the fair.

PROJECT EXHIBITION**XXVI. Mandatory Items**

- A. A banner measuring 90cm x 120cm, displaying the project title, author names, and advisor name.
- B. A printed and bound research report or a scientific article following the provided guidelines.
- C. A handwritten research logbook detailing chronological project activities.
- D. All items must remain at the exhibit throughout the evaluation period.

XXVII. Prohibited Items

- A. Living organisms, including animals and plants. Exceptions are outlined in section 27.
- B. Specimens preserved through taxidermy.
- C. Toxic, controlled, or flammable substances, or any material posing a safety risk.
- D. Offensive or shocking visual content, such as surgical procedures or dissections.
- E. Audio devices producing sound above 72 dB unless headphones are provided for public use.

XXVIII. Exceptions

Dead invertebrates or plants, securely enclosed in hermetically sealed containers, are allowed.

XXIX. Participant Involvement

It is mandatory for at least one participant to be present during the exhibition period. Failure to comply with this requirement may result in a loss of points.

The research must be presented exclusively by the students themselves. The participation of third parties, including advisors, co-advisors, or accompanying persons, is not permitted.

Finalists must strictly adhere to the work presentation times outlined in the event schedule.

EVALUATION

The finalist projects will be evaluated by specialized professionals according to the area, selected by the IV FECET organization and the CRC.

XXX. Criteria

Projects will be evaluated based on the following basis:

- A. Written Production: Compliance with formatting standards and adherence to the project's topic.
- B. Oral Presentation: Mastery of the subject, clear communication, and alignment between oral explanations and written materials.
- C. Scientific and Social Relevance: The importance of the topic and its impact on society.

Each project will undergo at least three evaluations, including two general and one technical review.

Detailed feedback will be provided to advisors after the event.

XXXI. FECET Evaluators

Evaluations will be conducted by professionals selected by the FECET organization and CRC. Evaluations determine awards, recognitions, and credentials.

XXXII. Other Evaluations

Other third-party awards will provide their own evaluators who will have their own evaluation criteria but will follow the evaluation conduct of FECET.

Some fairs may also provide their own evaluators.

AWARDS

FECET offers prizes for placements by area, placements by category, overall fair placement, highlights by area, other highlights, and national and international credentials.

XXXIII. Awards by Area

The top three projects in each knowledge area will receive:

- First Place: Trophy, medal, and certificate.
- Second Place: Trophy, medal, and certificate.
- Third Place: Trophy, medal, and certificate.

XXXIV. Awards by Category

For the categories of World of Science, Seeds of Science, Undergraduate and International Students, the top three projects will be awarded:

- First Place: Trophy, medal, and certificate.
- Second Place: Medal and certificate.
- Third Place: Medal and certificate.

XXXV. General Awards

The top four projects across all categories will receive:

- First Place Overall
- Second Place Overall
- Third Place Overall
- Honorable Mention

XXXVI. Special Recognition by Area

The fourth-best project in each area will receive a medal and certificate.

XXXVII. Other Special Recognitions

FECET has highlights that are not evaluated based on the assessment scores and have their own criteria.

- Innovation Award
- Best Scientific Organization
- Entrepreneurship Award
- Creativity Award
- Technological Advancements Award
- Women in Science Award
- Social Relevance Award

Os premiados receberão medalha e certificado

XXXVIII. National and International Credentials

Selected projects may qualify for participation in national and international fairs, including:

National Fairs:

- Mostra OUT - RS
- MCTIA - PA
- INFOMATRIX - SC
- FENECIT - PE
- FENADANTE - SP
- MOCAM - RR
- FETEC - SP
- MOCEEST - MA

International Fairs

- MOSTRATEC - Brasil
- GENIUS OLYMPIAD - Estados Unidos
- LIYSF - Reino Unido

XXXIX. Other Awards

All participants will receive a certificate of participation via email.

PENALTIES AND FINAL PROVISIONS

Failure to meet the deadlines set in the IV FECET schedule will result in the disqualification of the team from the fair.

Participants are prohibited from engaging in criminal acts such as: attacks on life, honor, property, physical and moral integrity and dignity, copyright, belief, ethnicity, gender, and customs; practices of document forgery (ideological). Identification of these occurrences will result in the immediate disqualification of the project and the team involved, regardless of the phase of the selection/executive/evaluation process.

Plagiarism is considered the total or partial reproduction of research work, the use of partial or full text from books, magazines, articles, tables, or illustrations (charts, figures, graphs, photographs, portraits, slides, drawings, organograms, flowcharts, plans, maps, and others) in print or digital format, without proper and correct citation of the reference source. Identification of these practices will result in the immediate disqualification of the project and the team involved.

Failure to comply with the rules established in this regulation will result in a loss of points or disqualification of the project and the team.

Special cases and omissions in this Regulation will be evaluated and clarified by the FECET Organizing Committee.

The completion and submission of the registration form represent the participants' agreement to the terms and conditions outlined in this Regulation.

Cascavel, December 10, 2024.

4th FECET 2025 ORGANIZING COMMITTEE



Maycon Gustavo Oliveira Lourenço
General Coordinator of FECET

Viviane Damião Camargo
General Secretary of FECET

Arthur Rothenburg
FECET Lead Inspector