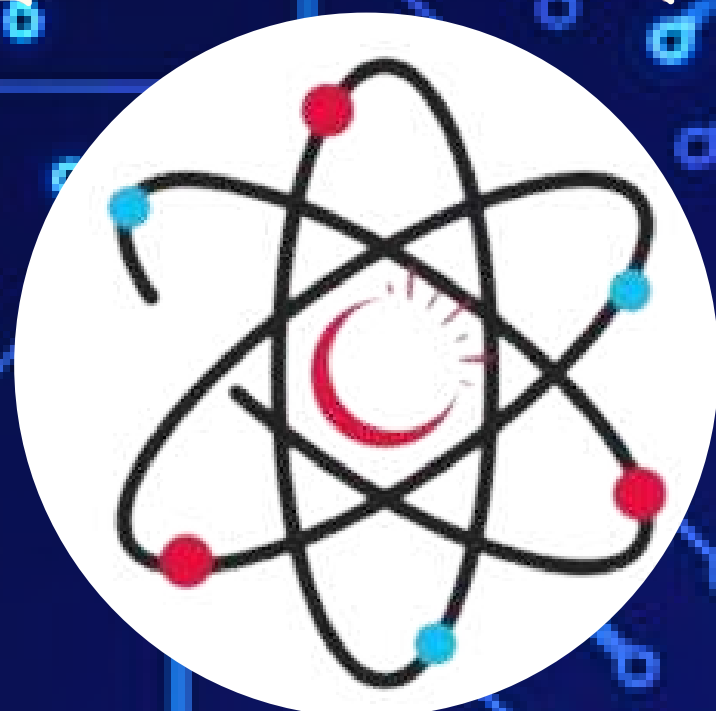


GUIDEBOOK

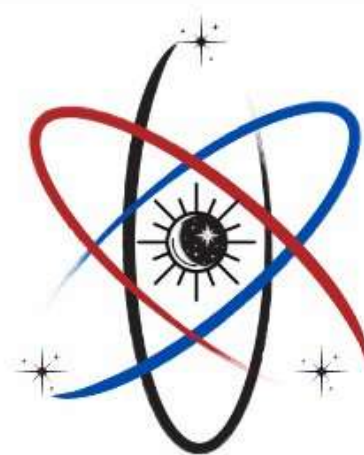
VIRTUAL COMPETITION IS²E²R 2024



**INTERNATIONAL SOCIAL,
SCIENCE, ENGINEERING AND
EDUCATION ROMANIAN
COMPETITION**
Spark your creativity!



ORGANIZED BY



Think Alone! Be Creative!
Be New! Be Yourself!

NWERA
ASSOCIATION

Registration open on February 1st on the nwera.org/isseer/ website



NWERA Association



+40 771 279 417



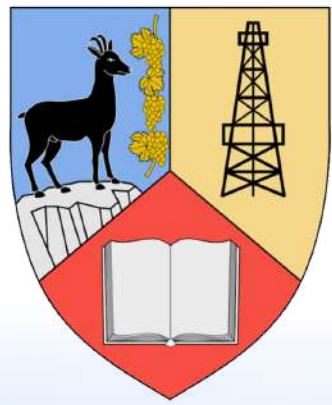
nwera.org/isseer/



nwera.ro



VIRTUAL COMPETITION IS²E²R 2024 NATIONAL PARTNERS



Prahova County
Council



NICHITA STANESCU NATIONAL
COLLEGE PLOIESTI

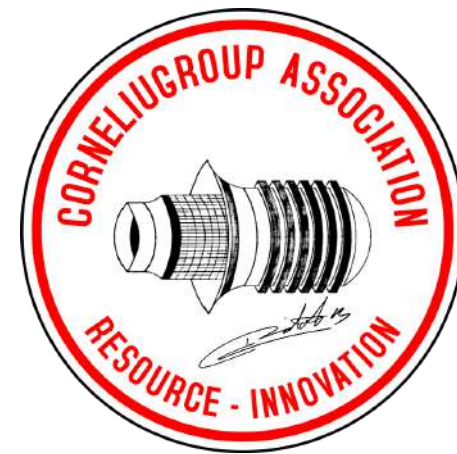
*With us,
Countless Successes!*



Simion Stolnicu High
School Comarnic



VASONIM
The Ultimate
Psychologist's Tool



SUPPORTED BY



Health's Psychology Integrated
Clinic



Parents' Association of
Nichita Stanescu National
College



Students League Petroleum-Gas
University of Ploiesti

INTERNATIONAL PARTNERS



IYSA
Indonesian Young Scientist
Association



SUPPORTED BY



BACH KHOA MATHS AND
SCIENCE CLUB VIETNAM



iwise
THE INTERNATIONAL WORLD
INNOVATIVE STUDENT EXPO
OF ENGLAND



IMEC online



Feira de Ciência e Tecnologia das Nações
Colégio Dante Alighieri



ATAST
Tunisian Association For The Future of Sciences and Technology
Think Again Be Different



BACKGROUND



Taking into account the rapid development of science and technology, today's youth find it increasingly difficult to adapt to traditional learning methods and are no longer compatible with them.

Through the IS²E²R competition, the organizer aim to encourage young people to adapt to changes in science through the free expression of creativity, brainstorming of ideas, invention, innovation, the freedom to be themselves and create products, scientific studies that will bring improvements to the societies of the countries they come from and implicitly all of mankind.

NWERA Association – is a non-governmental educational organization, which aims to promote young people and children from Romania and other countries, to encourage them to express their potential and talent, their true value, through non-formal education methods that encourage team spirit, socialization, personal and professional development appropriate to the skills and passions they possess.



OBJECTIVES

- 1) Bringing together different cultures and mentalities from as many parts of the world as possible, with a unified aspiration.
- 2) Encouraging young people to develop ideas that can change the world.
- 3) Building together a new and better world!





CATEGORIES

- 1. SOCIAL SCIENCE**
- 2. SCIENCE & TECHNOLOGY**
- 3. ENGINEERING**
- 4. EDUCATION**

GENERAL PROVISION

- 1. PARTICIPANTS: ELEMENTARY (11-15), SECONDARY (14-19), UNIVERSITY (19-24).**
- 2. EACH TEAM CAN CONSIST OF MAXIMUM 5 STUDENTS AND MAXIMUM 3 SUPERVISORS.**
- 3. ONLINE JUDGING INTERNATIONAL STAGE WILL LAST 15 MINUTES: 7 MINUTES FOR THE PRESENTATION AND 8 MINUTES FOR THE JURY'S QUESTIONS.**



CATEGORIES & SUBCATEGORIES

1. SOCIAL SCIENCE



1.1 Spirituality & Psychology



1.2 History & The Politics of the New World

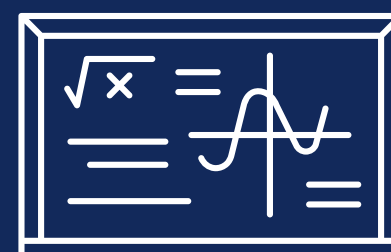


1.3 E-Commerce



2. SCIENCE & TECHNOLOGY

2.1 Mathematics



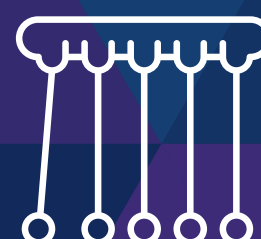
2.2 Biology



2.3 Chemistry



2.4 Physics





CATEGORIES & SUBCATEGORIES

3. ENGINEERING

3.1 Engineering & Computers



3.2 Networking



3.3 Robotics & Artificial Intelligence



4. EDUCATION

4.1 SDG Sustainable Development Goals



4.2 Education & School



4.4 Human, Children Rights,
Animal Rights, Peace



4.6 Sports & Movement





JUDGING CRITERIA

QUALIFICATION STAGE

APPLICABILITY & UTILITY IN REAL LIFE : 20%

TECHNOLOGICAL INNOVATION : 30%

METHOD USED AND EXPERIMENTAL DETAILS : 30%

PROJECT STRUCTURE: 20%



JUDGING CRITERIA

INTERNATIONAL STAGE

APPLICABILITY & UTILITY IN REAL LIFE : 20%

METHOD USED AND EXPERIMENTAL DETAILS : 20%

TECHNOLOGICAL INNOVATION : 20%

PROJECT STRUCTURE : 10%

IDEA & TEAM PRESENTATION : 30%



SCHEDULE

DATE	DESCRIPTION
1ST FEBRUARY 2024	STARTING REGISTRATION PROJECTS & UPLOAD FILES FOR QUALIFICATION STAGE
19TH MAY 2024	REGISTRATION DEADLINE & UPLOAD PROJECTS FILES - QUALIFICATION STAGE
20TH MAY - 26TH MAY 2024	QUALIFICATION STAGE & DISPLAYING PROJECTS RESULTS
27TH MAY - 7TH JUNE 2024	UPLOAD PROJECTS FILES - FOR INTERNATIONAL STAGE - QUALIFIED PROJECTS
13TH - 18TH JUNE 2024	INTERNATIONAL STAGE - VIRTUAL

SCHEDULE INTERNATIONAL STAGE VIRTUAL COMPETITION

DATE	DESCRIPTION
JUNE 7, 2024	DEADLINE - UPLOAD PROJECTS FILES FOR INTERNATIONAL STAGE
JUNE 13, 2024	OPENING CEREMONY
JUNE 14, 2024 JUNE 15, 2024 JUNE 16, 2024	JUDGING SESSIONS
JUNE 18, 2024	AWARDING CEREMONY



IS²E²R AWARDS

1 GRAND AWARD

SEMI GRAND AWARDS- per Category.

SPECIAL AWARDS

IS²E²R AWARDS

PER SUBCATEGORY,
PER AGE CATEGORY

15% GOLD MEDALS

25% SILVER MEDALS

30% BRONZE MEDALS

30% HONORABLE MENTIONS





PROJECT FILES REQUIRED **INTERNATIONAL STAGE**

AVAILABLE FOR ONLINE COMPETITION

1. EXTENDED ABSTRACT (SEE ATTACHMENT).

Format Extended Abstract

- Research background, problem formulation and research objectives
- Materials and methods used, Discussion, Conclusions and suggestions
- Keywords (after Introduction) - maximum 5 (Arial 12, italic, bold)

PROVISIONS

- Made in English
- Extended Abstract in PDF and Ms.Word
- Font – Title: Arial 14, Text: Arial 12, Margin: 3, 2, 2, 2 (left, right, top, bottom), Justify, A4 paper size, Line Space: 1.
- Maximum 10 pages (with references)

2. POSTER (SEE ATTACHMENT).

- For online competition - .pdf, .jpeg or .png format.
- For offline competition - A0 size.

3. VIDEO (ONLINE COMPETITION).

EXTENDED ABSTRACT

FOR INTERNATIONAL STAGE (ALL PROJECTS) AND NATIONAL STAGE (ROMANIAN PROJECTS)

Project Title:.....
 Category:.....
 (Arial 10, Bold, Align left, Line Space: 1)

Subcategory:.....

PROJECT TITLE

(Arial 14, Bold, center)

[1] Full name of Participant 1, which is the Team Leader (e-mail address)

[2] Full name of Participant 2 (e-mail address)

[3] Full name of Participant 3 (e-mail address)

[1] School Name/Institution/University of Participant 1

[2] School Name/Institution/University of Participant 2

[3] School Name/Institution/University of Participant 3

[4] Full Name of Supervisor (e-mail address), School name/Institution/University
 (the same for the other Supervisors)

(The names of participant, supervisors, schools/institutions/universities

Arial 12, center, Line Space: 1,5)

Title: Abstract (center, Arial 12, bold)

Abstract (Arial 12, Justify, Italic, Line Space: 1, maximum 300 Words)

Keywords (Arial 12, italic, maximum 5)

1. Introduction (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

2. Objectives (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

3. Methods used and Experimental Details (with Images) (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

4. Techological Innovation: Novelty, Uniqueness, Originality, Impacts, Comparissons with current products on the market, Images, Statistics. (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

5. Aplicability and Utility in Real Life: Cost Effectiveness, Potential of commercialization, Images, Statistics. (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

6. Conclusions (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

7. Acknowledgement (Arial 12, bold, justify)

(Arial 12, Justify, Line Space 1) XXX

8. References (Arial 12, bold, justify) - Associated with points 1, 2, 3, 4, 5, 6

(Arial 12, Justify, Line Space 1) XXX

9. Appendix – not necessary – can contain CVs of participants/supervisors – Google Drive Folder (Arial 12, bold, justify)

*Notes

1. ***The whole document must be in maximum 10 pages***
2. ***The whole project should reflect the essence of invention/innovation/ research part.***

POSTER

FOR INTERNATIONAL STAGE

EVENT LOGO



FLAG

COUNTRY OF ORIGIN

PROJECT TITLE

**PARTICIPANT LOGO
(SCHOOL/INSTITUTION/
UNIVERSITY)**

ORGANIZER LOGO

INTRODUCTION

METHODS

OBJECTIVES

TECHNOLOGICAL INNOVATION

CONCLUSIONS

REFERENCES



HOW TO REGISTER AND PARTICIPATE IN THE IS²E²R 2024 INTERNATIONAL COMPETITION

Step 1 - Go to <https://nwera.org/isseer/>

Step 2 - Find out from GuideBook and the Rules and Guidelines for the Organization and Conduct of the Competition about objectives, categories and subcategories, judging criteria, general provision, online competition schedule, registration & uploads deadlines.

Step 3 - Go to NWERA - International Innovation and Invention Fairs Facebook Page to study details about categories and subcategories, so you know where the project you want to enter fits in. - <https://www.facebook.com/profile.php?id=100090777410355>

Step 4 - Go to <https://nwera.org/isseer/>, link "Qualification Stage - Project Registration" and register your project and your team. Deadline - 19th May 2024.

Step 5 - Go to <https://nwera.org/isseer/>, link "Qualification Stage - Abstract & Poster Upload" and upload the materials for Qualification Stage (Details in GuideBook) - Deadline - 19th May 2024.

Step 6 - After registration you will receive the official invitation by e-mail.

Step 7 - Follow the website www.isseer.ro, <https://nwera.org/isseer/> and the competition facebook page <https://www.facebook.com/profile.php?id=100090777410355> to find out all the information about the competition in advance.

Step 8 - You can also follow us on the facebook page of the competition organizer <https://www.facebook.com/NweraAssociation/>, the NWERA association website www.nwera.org, the Instagram account of the NWERA Association <https://instagram.com/nwera.ro> and the YouTube account of the NWERA Association <https://www.youtube.com/@nweraassociation>.

IS²E²R 2024

INTERNATIONAL COMPETITION



Notes

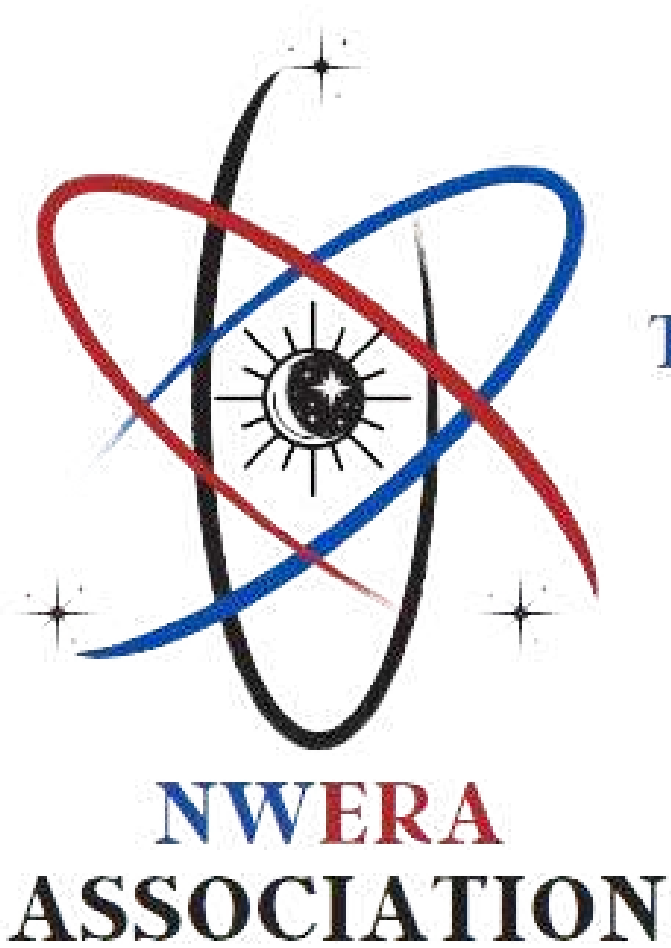
- Judging at the qualification stage - the projects are evaluated by the Judging committee. Project scores will be displayed on the website. Minimum qualifying score - 40p (maximum 100p).
- Judging at the International stage - online (on the Zoom platform).
- Details and Judging scales - In Rules and Guidelines for the Organization and Conduct of the Competition. (<https://nwera.org/isseer/>)



Online Competition
Free Registration

Digital Certificates

- **Participation**
- **Awards**
- **Intellectual property certificate**



Think Alone! Be Creative!
Be New! Be Yourself!

See you soon!

For additional information you can reach us at:

Whatsapp number: +40 771 279 417

Organisers' Facebook Details:

Mariana-Oana Farcas:

<https://www.facebook.com/farcas.oana.mariana>

Mihail-Alexandru Stanescu:

<https://www.facebook.com/mihail.stanescu.79>

Radu Boia:

<https://www.facebook.com/profile.php?id=100007077967956>