

# GUIDEBOOK

## HYBRID COMPETITION IS<sup>2</sup>E<sup>2</sup>R 2023

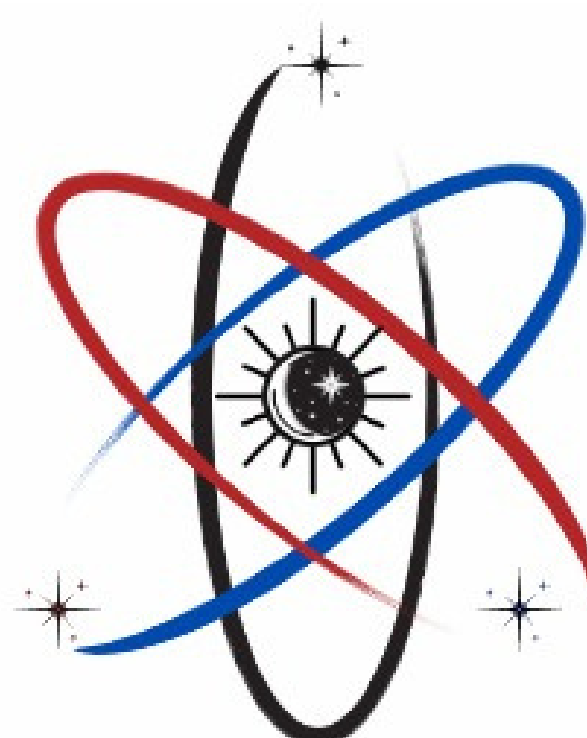


### INTERNATIONAL SOCIAL, SCIENCE, ENGINEERING AND EDUCATION ROMANIAN COMPETITION

Spark your creativity!



**ORGANIZED BY**



**NWERA  
ASSOCIATION**

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

Registration open on February 1<sup>st</sup> on the [isseeer.ro](https://isseeer.ro) website



**NWERA Association**



**+40 771 279 417**



**[isseeer.ro](https://isseeer.ro)**



**[nwera.ro](https://nwera.ro)**

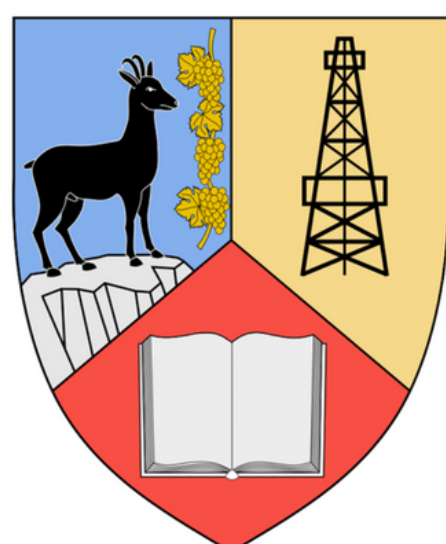
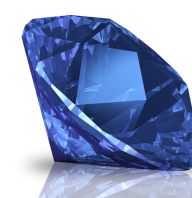




# HYBRID COMPETITION

## IS²E²R 2023

### LOCAL DIAMOND PARTNERS



**Prahova County  
Council**



**Parents' Association of  
Nichita Stanescu National  
College**



**NICHITA STANESCU NATIONAL  
COLLEGE PLOIESTI**

*With us,  
Countless Successes!*



**VASONIM**  
**The Ultimate  
Psychologist's Tool**

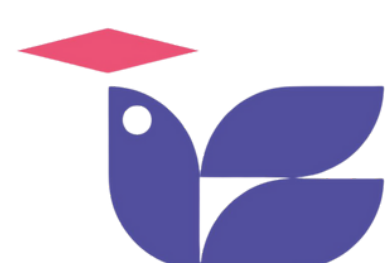


**Students League Petroleum-Gas  
University of Ploiesti**

**CLINICA  
CLEAR** *mind*

**Health's Psychology Integrated  
Clinic**

### INTERNATIONAL DIAMOND PARTNERS



**iwise**  
**THE INTERNATIONAL WORLD  
INNOVATIVE STUDENT EXPO  
OF ENGLAND**



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



**IYSA**  
**Indonesian Young Scientist  
Association**



**NEW SUN STAR  
YOUTH CLUB**

**Sri Lanka**





# 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 – New World Education Romanian 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!







# PLACES

Prahova County Council



Petroleum-Gas University of Ploiesti







# VENUE





# TRIP

## Bran Castle (Dracula's Castle)

<http://www.bran-castle.com/>



## TRIP Brasov City







# CATEGORIES

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

## GENERAL PROVISION

1. PARTICIPANTS: JUNIORS - ELEMENTARY (7-10, 11-14), SECONDARY (14-19), UNIVERSITY (19-26).
2. EACH TEAM CAN CONSIST OF MAXIMUM 3 STUDENTS AND AT LEAST 1 SUPERVISOR.
3. ONLINE JUDGING WILL LAST 15 MINUTES: 7 MINUTES FOR THE PRESENTATION AND 8 MINUTES FOR THE JURY'S QUESTIONS.
4. OFFLINE JUDGING WILL TAKE PLACE AT THE RESERVED AREA AT THE VENUE AND WILL HAVE 7 MINUTES FOR THE PRESENTATION AND 8 MINUTES FOR THE JURY'S QUESTIONS.

## JUDGING CRITERIA

APPLICABILITY & UTILITY IN REAL LIFE : 30%.

TECHNOLOGICAL INNOVATION : 20%.

PROJECT STRUCTURE: 25%.

IDEA & TEAM PRESENTATION : 25%.



# CATEGORIES & SUBCATEGORIES

## 1. SOCIAL SCIENCE

1.1 Spirituality



1.2 Psychology



1.3 History



1.4 E-Commerce

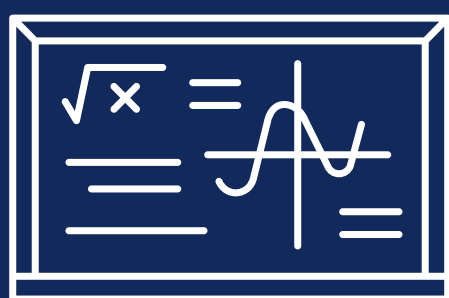


1.5 The Politics of the New World



## 2. SCIENCE & TECHNOLOGY

2.1 Mathematics



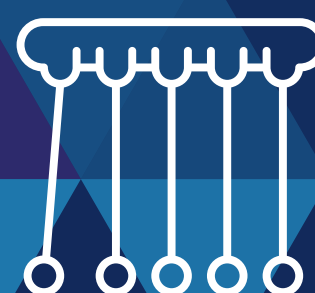
2.2 Biology



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**



**4.3 Peace**



**4.4 Human & Children Rights**



**4.5 Animal Rights**



**4.6 Sports & Movement**



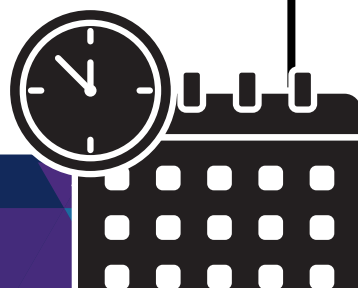




# SCHEDULE

## ONLINE COMPETITION SCHEDULE

DATE	DESCRIPTION
APRIL 20, 2023	• REGISTRATION DEADLINE
UPON REGISTRATION	• PAYMENT DEADLINE
APRIL 25, 2023	• REQUIREMENT SUBMISSION DEADLINE
MAY 2, 2023	• OPENING CEREMONY
MAY 3, 2023	• ONLINE JUDGING • ONLINE JUDGING
MAY 4, 2023	• STEM CONFERENCE • ONLINE JUDGING • ONLINE JUDGING • BOB AFTERNOON (BEST OF THE BEST - TOP 5 PROJECTS PRESENTATION) • CULTURAL EVENING - LIVE PODCAST - PRAHOVA COUNTY COUNCIL EUROPA AUDITORIUM
MAY 5, 2023	• TALENT SHOW EVENING - LIVE PODCAST
MAY 6, 2023	• AWARD CEREMONY







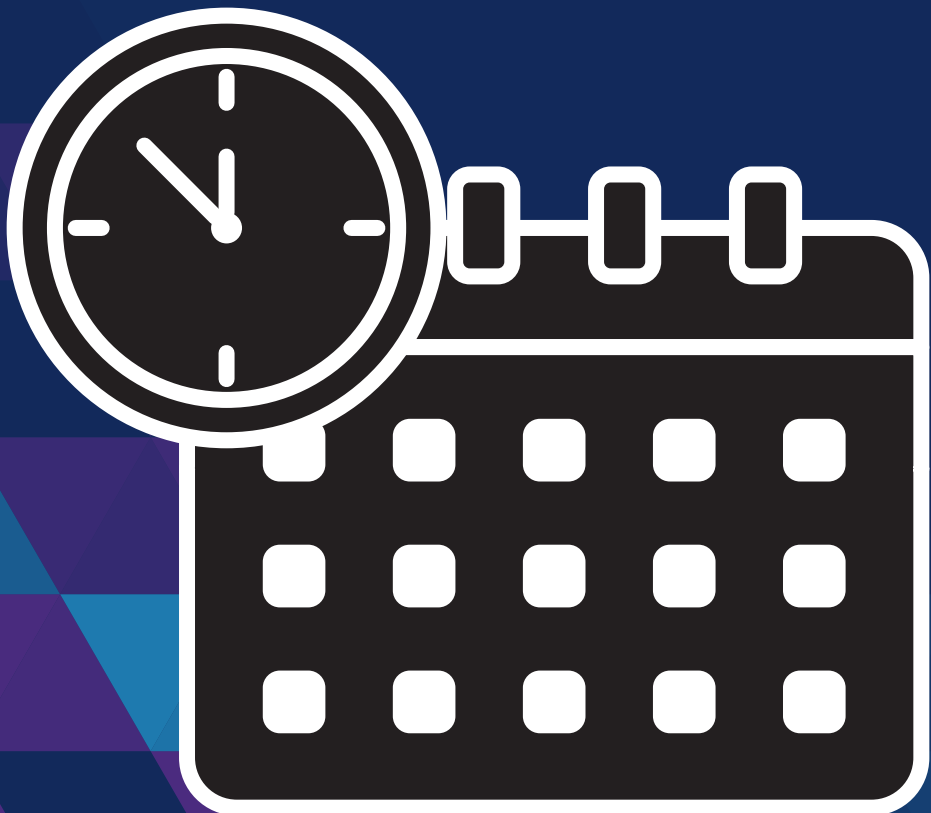
# OFFLINE COMPETITION

## SCHEDULE

DATE	DESCRIPTION	DRESS CODE
APRIL 15, 2023	• PAYMENT DEADLINE - THE PROOF OF PAIMENT IS TO BE SENT AT <a href="mailto:nwera.association@gmail.com">nwera.association@gmail.com</a>	-
APRIL 20, 2023	• REGISTRATION DEADLINE	-
APRIL 25, 2023	• REQUIREMENT SUBMISSION DEADLINE	-
MAY 1, 2023	• ARRIVAL DAY • LUNCH • DINNER • SOCIAL EVENING - PETROLEUM-GAS UNIVERSITY OF PLOIESTI	-
MAY 2, 2023	• BREAKFAST • BOOTH SETUP - PETROLEUM-GAS UNIVERSITY OF PLOIESTI • LUNCH • OPENING CEREMONY - PRAHOVA COUNTY COUNCIL EUROPA AUDITORIUM - LIVE • DINNER • SOCIAL EVENING - PETROLEUM-GAS UNIVERSITY OF PLOIESTI	BOOTH SETUP - IS <sup>2</sup> E <sup>2</sup> R T-SHIRTS  OPENING CEREMONY - OFFICE
MAY 3, 2023	• BREAKFAST • OFFLINE JUDGING - PETROLEUM-GAS UNIVERSITY OF PLOIESTI • LUNCH • OFFLINE JUDGING - PETROLEUM-GAS UNIVERSITY OF PLOIESTI • BOOTH PUBLIC VISIT (STUDENTS GROUPS) • BOOTH VIP VISIT (TEACHERS, COMPANY REPRESENTATIVES, SPONSORS) • DINNER • SOCIAL EVENING, WORKSHOPS, ACTIVITIES GAMES - WITH STUDENT LEAGUE FROM PETROLEUM-GAS UNIVERSITY OF PLOIESTI	JUDGING - OFFICE



MAY 4, 2023	<ul style="list-style-type: none"> <li>• BREAKFAST</li> <li>• HYBRID STEM CONFERENCE - LIVE -PETROLEUM-GAS UNIVERSITY OF PLOIESTI</li> <li>• LUNCH</li> <li>• BOB AFTERNOON (BEST OF THE BEST - TOP 5 PROJECTS PRESENTATION) - PETROLEUM-GAS UNIVERSITY OF PLOIESTI</li> <li>• DINNER</li> <li>• CULTURAL EVENING - LIVE PODCAST - IP6 HALL PETROLEUM-GAS UNIVERSITY OF PLOIESTI</li> </ul>	<p>STEM CONFERENCE - OFFICE / CASUAL</p> <p>BOB AFTERNOON - OFFICE / CASUAL</p> <p>CULTURAL EVENING - TRADITIONAL</p>
MAY 5, 2023	<ul style="list-style-type: none"> <li>• BREAKFAST</li> <li>• TRIP***               <ul style="list-style-type: none"> <li>◦ DRACULA'S CASTLE VISIT</li> <li>◦ BRASOV CITY VISIT (LUNCH)</li> </ul> </li> <li>• DINNER</li> <li>• TALENT SHOW - LIVE PODCAST - IP6 HALL PETROLEUM-GAS UNIVERSITY OF PLOIESTI - INTERNATIONAL ONLINE PUBLIC VOTING</li> </ul> <p>***LUNCH INCLUDED</p>	<p>T-SHIRTS ISSEER</p> <p>CASUAL / SPORTS</p>
MAY 6, 2023	<ul style="list-style-type: none"> <li>• BREAKFAST</li> <li>• VISIT               <ul style="list-style-type: none"> <li>◦ SHOPPING MALL (LUNCH)</li> <li>◦ MUSEUMS</li> </ul> </li> <li>• AWARD CEREMONY - PRAHOVA COUNTY COUNCIL EUROPA AUDITORIUM</li> <li>• DINNER</li> <li>• PARTY EVENING - STUDENT'S CLUB - PETROLEUM-GAS UNIVERSITY OF PLOIESTI</li> </ul>	<p>AWARD CEREMONY - OFFICE</p> <p>CASUAL</p>
MAY 7, 2023	<ul style="list-style-type: none"> <li>• BREAKFAST</li> <li>• DEPARTURE DAY</li> </ul>	<p>CASUAL</p>





IS<sup>2</sup>E<sup>2</sup>R 2023



Spark Your Creativity!

# IS<sup>2</sup>E<sup>2</sup>R AWARDS

PER CATEGORY PARTICIPANTS

(JUNIORS, SECONDARY, UNIVERSITY)

*GRAND AWARD - per Category Participants*

**SPECIAL AWARDS**

**20% GOLD MEDALS - per Category**

**25% SILVER MEDALS - per Category**

**30% BRONZE MEDALS - per Category**

**25% HONORABLE MENTIONS**







## **DOCUMENTS REQUIRED**

### **AVAILABLE FOR ONLINE & OFFLINE 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.



# EXTENDED ABSTRACT

Project Title:.....

Category:.....

(Arial 10, Bold, Align left, Line Space: 1)

Subcategory:.....

## PROJECT TITLE

(Arial 14, Bold, center)

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

<sup>[2]</sup>Full name of Participant 2 (e-mail address)

<sup>[3]</sup>Full name of Participant 3 (e-mail address)

<sup>[1]</sup>School Name/Institution/University of Participant 1

<sup>[2]</sup>School Name/Institution/University of Participant 2

<sup>[3]</sup>School Name/Institution/University of Participant 3

<sup>[4]</sup>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)

(Arial 10, Justify, Line Space 1) XXX



# POSTER

## EVENT LOGO



## FLAG

## COUNTRY OF ORIGIN

## PROJECT TITLE

## ORGANIZER LOGO (SCHOOL/INSTITUTION/ UNIVERSITY)

## INTRODUCTION

## METHODS

## OBJECTIVES

## TECHNOLOGICAL INNOVATION

## CONCLUSIONS

## REFERENCES



# Registration Fee



## 1. Online Competition

Romanian Team: 250 RON/Team - digital certificates

International Team: 50€ /Team - digital certificates

Romanian Team: 500 RON /Team - certificates & medals per post

International Team: 100€ /Team - certificates & medals per post

## 2. Offline Competition (Full Pack)

- T-shirts, Badges and Backpacks for each participant/supervisor
- Booth, tables and chairs
- Accommodation for 1 - 7.05.2023 - Petroleum-Gas University of Ploiesti exclusive accommodation
- Breakfast, Lunch and Dinner
- Trip
- Local transport
- Pick up to & from Henri Coanda Airport Bucharest - for international teams
- Participation Certificate & Award Certificate for each participant & supervisor
- One medal / team

Romanian Team: 1750 RON/ participant / supervisor

International Team: 550€ / participant / supervisor

## 3. Offline Competition (Intermediary Packs)

### Romanian Team: 700 RON/ Team

- T-shirts, Badges and Backpacks for each participant/supervisor
- Booth, tables and chairs, Participation Certificate & Award Certificate for each participant & supervisor, One medal / team

### Romanian Team: 1200 RON/ Team

- T-shirts, Badges and Backpacks for each participant/supervisor
- Booth, tables and chairs, Lunch/3 days, Participation Certificate & Award Certificate for each participant & supervisor, One medal / team

### International Team: 600€/ Team

- T-shirts, Badges and Backpacks for each participant/supervisor
- Booth, tables and chairs, Lunch/3 days, Snacks, Pick up to & from Henri Coanda Airport Bucharest
- Participation Certificate & Award Certificate for each participant & supervisor, One medal / team





## Payment details

Beneficiary: ASOCIATIA NWERA

TAX ID (CIF): 47032211

BANK DETAILS:

Name: Banca Transilvania

Swift / BIC: BTRLRO22

IBAN RON: RO85BTRLRONCRT0662444301

IBAN EUR: RO35BTRLLEURCRT0662444301

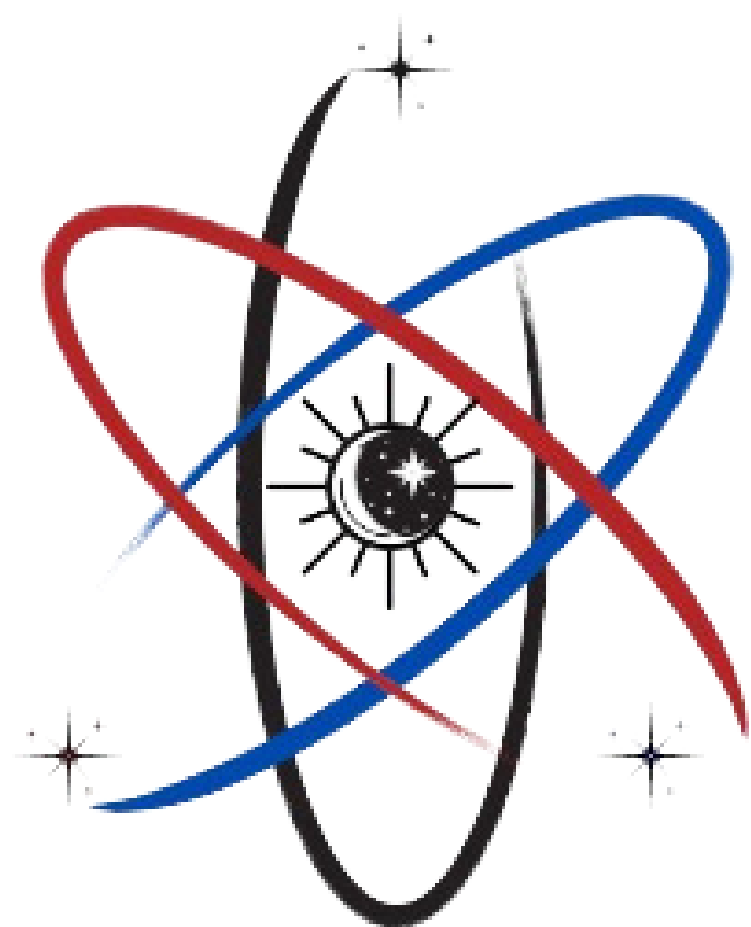
Description: Participation fee ISSEER Project Title



**IS<sup>2</sup>E<sup>2</sup>R 2023**



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ASSOCIATION**

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**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>