Grand final of X International Natural Sciences Tournament

Teams' Briefing

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Key Topics

1. Contact info
2. According to the Schedule…
3. Take a Look at the Tournament's "Kitchen"
4. Awards Ceremony
5. Other

Contact info

If you need a Crying Shoulder, you can:

- find
- call
- write a message (in WhatsApp, Telegram) to me

contact numbers:

e-mail: participants@scitourn.com

According to
the schedule

Saturday

Time	What's Happening?
9.30 a.m. – 10.30 a.m.	Registration of Participants/Jury's briefing
10.30 a.m. – 2.30 p.m.	Cycle 1
2.30 p.m. – 3.30 p.m.	Lunch Break
3.30 p.m. – 7.30 p.m.	Cycle 2

Sunday

Hard Work

Rethink your solutions

Battle with your colleagues

Have a rest

Day Off

12 p.m. till 2 p.m. - excursion

Monday

Time	What's Happening?
10.00 a.m. – 10.15 a.m.	Registration of Participants; Coffee Break
10.15 a.m. – 2.15 p.m.	Cycle 3
2.15 p.m. – 3.15 p.m.	Lunch Break
3.15 p.m. – 3.30 p.m.	Results of Qualifying games
3.30 p.m. – 6.30 p.m.	Semifinal
6.30 p.m. – 7.15 p.m.	Interview time
7.15 p.m. – 7.30 p.m.	Results of Semifinal

Tuesday

Time	What's Happening?
10.45 a.m. – 11.00 a.m.	Registration of Participants
11.00 a.m. – 2.00 p.m.	Final Games
2.00 p.m. – 3.15 p.m.	Lunch Break
3.15 p.m. – 4.00 p.m.	Interview time
4.00 p.m. – 5.30 p.m.	Grand final of X INST Closing Ceremony; Awards Ceremony

Take a Look at the
Tournament's "Kitchen"

Take a Look at the Tournament's "Kitchen"

1. Section distribution
2. Problems distribution
3. Rejections
4. Cycle
5. Appeal

How it works

You:

- play with almost every team;
- have a different team list every cycle;
- rarely play with the same teams

Qualifying Games: Cycle 1

11 Teams

Section 1	Section 2	Section 3
1	5	9
2	6	10
3	7	11
4	8	

Qualifying Games: Cycle 2

11 Teams

Section 1	Section 2	Section 3
1	4	3
2	8	5
7	10	6
9	11	

Qualifying Games: Cycle 3

11 Teams

Section 1	Section 2	Section 3
1	3	2
6	7	4
8	9	5
10	11	

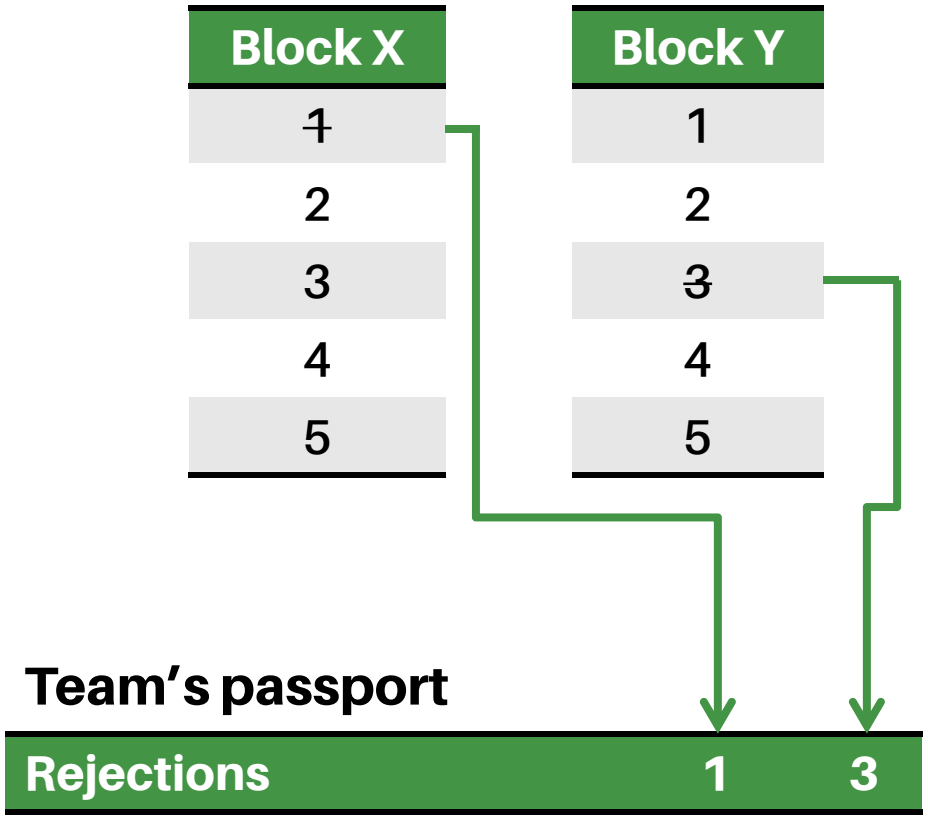
Problems Distribution

All the problems are played during 3 cycles **without problems distribution.**

Block X	Block Y
Smoggy coal	Sunken Franken
Glitter*	Forever together*
Rhinella marina	Biology – 21st-century science*
Bioremediation	Atlas shrugged
Vostok	The ultimate frontier
Cell spheroids*	Hydrogen water*

*Sponsors' problems

Rejections



Cycle

1. Roles Distribution and Changing
2. Challenge Procedure

Roles Distribution and Changing

In case of 3 teams

S = Speaker; O = Opponent; R = Reviewer

	Challenge 1	Challenge 2	Challenge 3
Team 1	S	R	O
Team 2	O	S	R
Team 3	R	O	S

Roles Distribution and Changing

In case of 4 teams

S = Speaker; O = Opponent; R = Reviewer

	Challenge 1	Challenge 2	Challenge 3	Challenge 4
Team 1	**S**	**-**	**R**	**O**
Team 2	**O**	**S**	**-**	**R**
Team 3	**R**	**O**	**S**	**-**
Team 4	**-**	**R**	**O**	**S**

Challenge Procedure

1. Challenging
2. The Speaker’s Report
3. “Speaker-Opponent” Polemics
4. The Opponent’s Speech
5. The Reviewer’s Speech
6. Triple Polemics
7. Questions & Comments from Jury
8. Scoring
9. Presentation

Challenging. Part One

The cast:

Captain (Team A)

Captain (Team B)

Captain (Team C)

We challenge the team A to problem No. 3

We accept the challenge. The Speaker to problem No. 3 will be Darth Vader

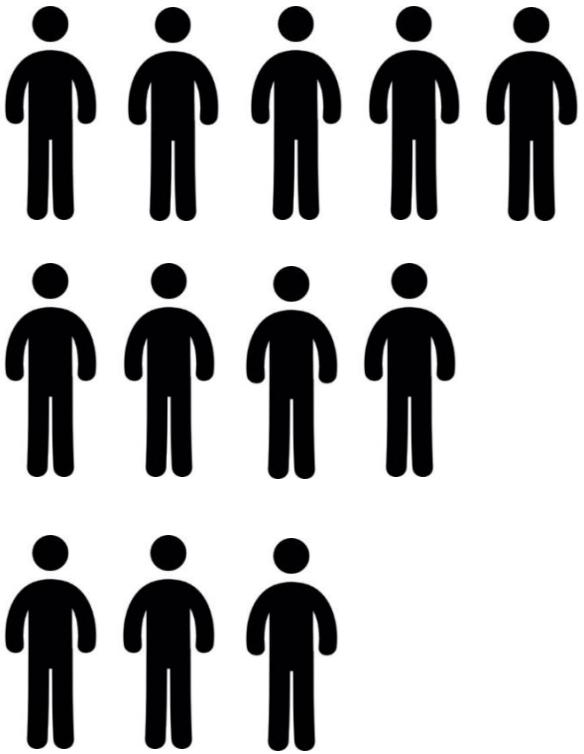
The Opponent to problem No. 3 will be Luke Skywalker

The Reviewer to problem No. 3 will be Princess Leia

Opponent cannot challenge Speaker with the problems that:

1) Speaker's team rejected beforehand;
2) was already reported by the Speaker's team;
3) ~~was already played in the cycle~~

Challenging. Part Two



At Qualifying Games each team member can be:

1 – S; 1 – O; 2 - R

1 – S; 1 – O; 2 - R

Options:

1) 2 – S; 1 – O; 1 – R;
2) 1 – S; 2 – O; 1 – R;
3) 1 – S; 1 – O; 2 - R

At Semifinal and Final each team member can be:

1 – S; 1 – O; 2 – R

1 – S; 1 – O; 2 – R

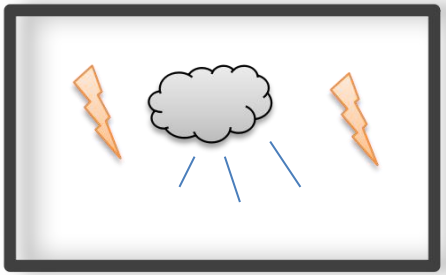
1 – S; 1 – O; 2 – R

The Speaker's Report

The cast:

Speaker (Team A)

My name is Bond. James Bond



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Volume up!

10 min

Here you can see the cloud and the lighting. What a perfect day to have barbeque!

Present:

1) the essence of the problem and what is required to be solved;
2) the literature overview;
3) the essence of the solution; the possible implementation; strengths and weaknesses; alternative solutions;
4) the conclusions of your work: what is proposed and why

Applause!

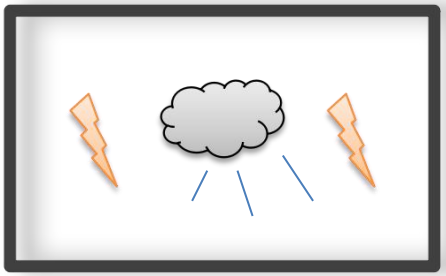
The report is finished!

“Speaker-Opponent Polemics”

The cast:

Speaker (Team A)

Opponent (Team B)



4 min

Is that science? really?

What are the key factors to have barbeque at rainstorm?

4 min

1） good drinks;
2） good company
3) rainstorm

This part shows the ability to:

1) handle the scientific part of the problem under discussion;
2) quickness and correctness of response

The Opponent's Speech

The cast:

Opponent (Team B)

The Speaker did a great job. Unfortunately he missed some important piers. They are...

5 min

Key things to mention:

1) if the Speaker have understood the essence of the problem;
2) if the literature overview done properly, if it was useful;
3) if the solution fully or partly complies to the stated problem; if the solution has the strong scientific board; if it could be implemented; it any alternative were evaluated;
4) if the conclusions adequate and the problem is solved

Applause!

The opposition is finished!

The Reviewer's Speech

The cast:

Reviewer (Team C)

4 min

The Opponent pointed out some mistakes in the solution. But he did not pay attention to the alternatives

The Speaker did a great literature overview. However the solutions is a crap.

Applause!

The review is completed!

Key things to mention:

1) how fully the problem is solved;
2) how well the Speaker coped with the role;
3) how well the Opponent coped with the role

Triple Polemics

The cast:

Speaker (Team A)

Opponent (Team B)

Reviewer (Team C)

Dear Speaker, don't you think that you solution is controversial?

6 min

I don't think so. We chose factors A, D, E and proved that this is right

But still factor B, in my opinion is important because...

The clue is to **correspond to unresolved issues** and **to defend the proposed statements**.

Questions & Comments from Jury

The cast:

Speaker (Team A)

Opponent (Team B)

Reviewer (Team C)

Expert

Dear Speaker, what is, in your opinion, the perfect formula for the drug?

8 min

Dear Opponent, why do you think that the alternative B is better than A?

Dear Reviewer, you mentioned the importance of the number of parameters. In you opinion, what is the most and why?

Scoring

The cast:

Expert

Master

Now is the score for the solution of the problem: 5, 7, 8, 4, 1

Ouch! I'm mad!

5 7 8 4 1

Scores:

1) for the Speaker: **solution of the problem | presentations** | personal effort;
2) for the Opponent: **opposition** | personal effort
3) for the Reviewer: **review** | personal effort

Presentation

Title block

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References

From the literature [1-3] it is known that there is a huge demand for customized automated liquid handlings for laboratory needs.

Statement

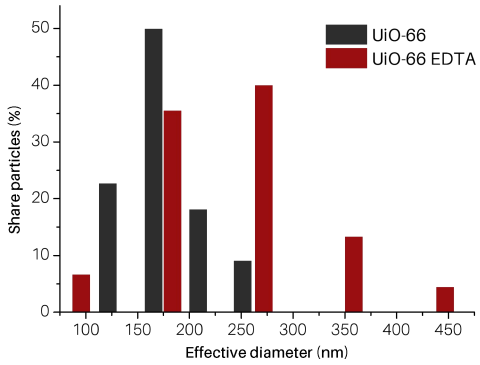

Figure 1. Painting

Labeled figure

$$X = 1 + Y * Z \quad (1)$$

Formula

Page number

Appeal

No appeal could be made on jurors' scores or any other actions during the challenge

Semifinal

Semifinalists (6 teams), obtained the highest scores (calculated including the personal marks), during the qualifying games are selected for participation in the Semifinal.

The Semifinal is played as 1 cycle in 2 sections (3 teams per section). Block Y is played in the Semifinal.

All the other rules are the same as for qualifying games.

Final

On the basis of the results of the Semifinal, 3 teams with the highest scores are selected for participation in the Final round.

The Final consists of 1 cycle. Both block X and Y is played.

At the Final, each team determines the task it will report itself.

Finalist have to announce numbers of relevant tasks immediately after the announcement results of Semifinal. Task's numbers are announced in order of decreasing the ranking after Semifinal.

The team does not have the right to choose the task, which has been previously selected by another team.

Awards Ceremony

Other

Any questions?

Any suggestions?

Any notifications?

Any announcement?

Any disagreement?

Any compliance?

Whatever?

May the Best Win!

Feedback
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