



stage: 3
reporter: NSSIA

fight (round no.): 1

room: C

opponent: SWITZERLIANP reviewer: USA

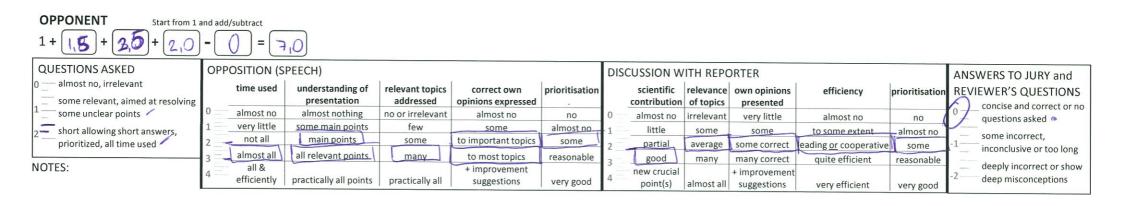
problem no.:

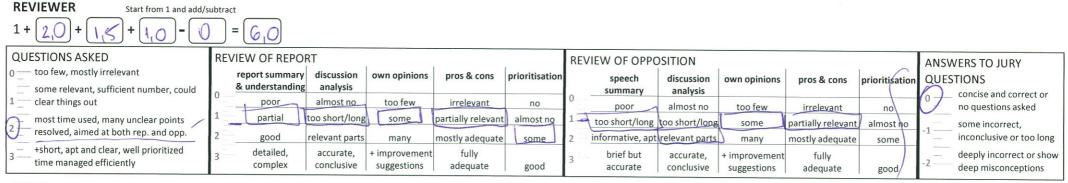
Juror's name: TATYAWA

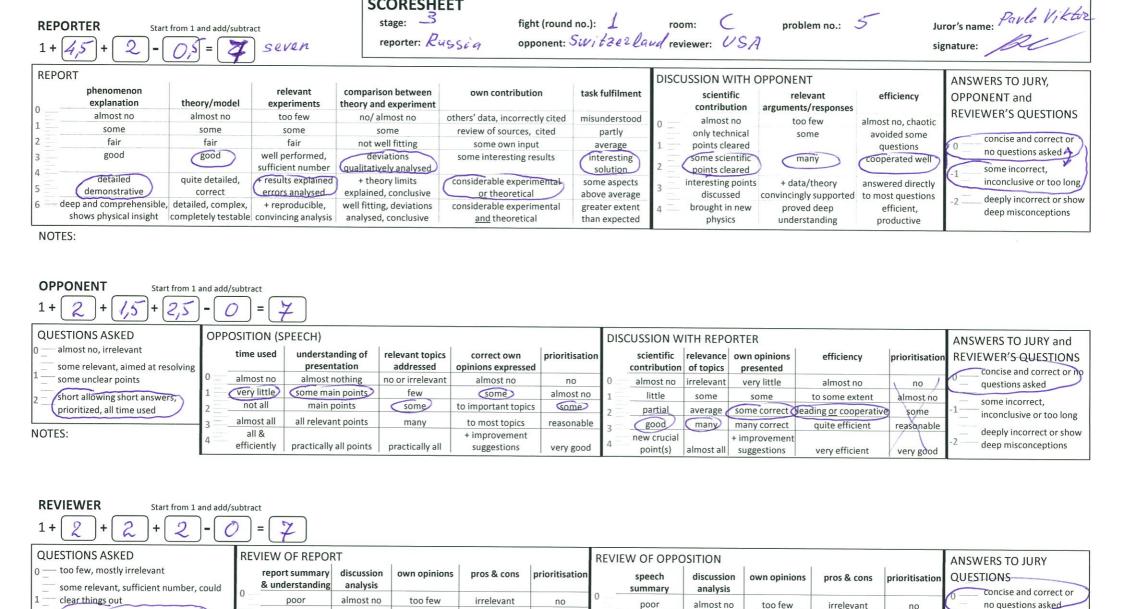
signature: 765

REPORT	Т						DISCUSSION WITH (OPPONENT		ANSWERS TO JURY,
)	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	scientific contribution	relevant arguments/responses	efficiency	OPPONENT and
=-	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	o almost no		almost no, chaotic	REVIEWER'S QUESTIONS
	some	some	fair	some not well fitting	review of sources, cited some own input	partly average	only technical points cleared	some	avoided some questions	concise and correct or
	good	good	well performed, sufficient number	deviations qualitatively analysed	some interesting results	interesting solution	some scientific points cleared	many	cooperated well	no questions asked some incorrect,
=	detailed demonstrative	quite detailed, correct	+ results explained errors analysed		considerable experimental or theoretical	some aspects above average	3 interesting points discussed	+ data/theory convincingly supported	answered directly	inconclusive or too long
	ep and comprehensible, hows physical insight			well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	4 brought in new physics	proved deep understanding	efficient, productive	deeply incorrect or sho

NOTES:







almost no

some

good

too short/long

brief but

accurate

informative, apt relevant parts

too short/long

accurate,

conclusive

some

many

+ improvement

suggestions

partially relevant

mostly adequate

fully

adequate

almost no

some

good

some incorrect,

inconclusive or too long

deeply incorrect or show

deep misconceptions

SCORESHEET

partial

good

detailed,

complex

too short/long

elevant parts

accurate,

conclusive

some

many

+ improvement

suggestions

partially relevant

mostly adequate

fully

adequate

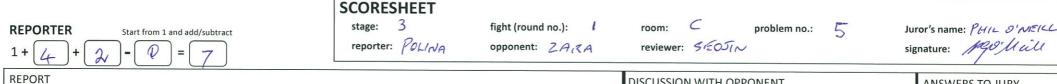
NOTES:

most time used, many unclear points

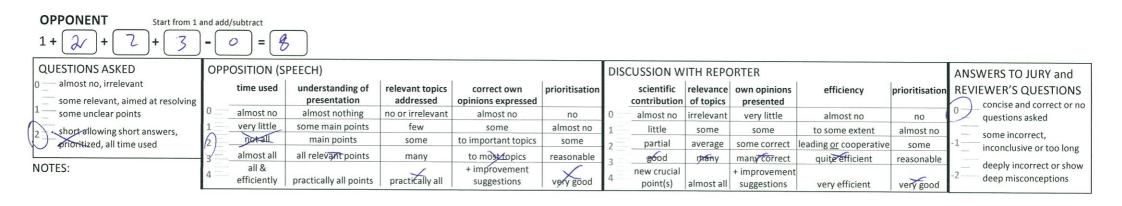
resolved, aimed at both rep. and opp.

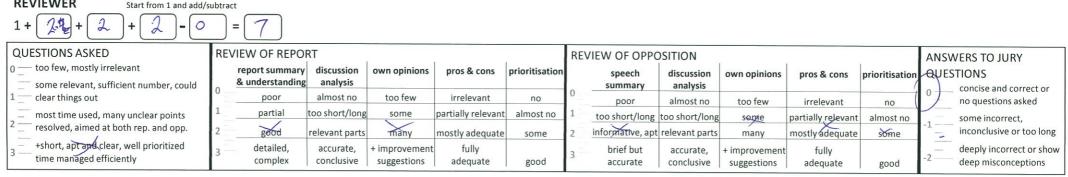
+short, apt and clear, well prioritized

time managed efficiently



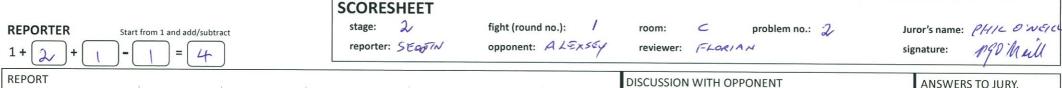
POF		r n					DISCU	JSSION WITH C	PPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment		scientific contribution	relevant arguments/responses	efficiency	OPPONENT and
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	0	almost no	too few	almost no, chaotic	REVIEWER'S QUESTION
	some	some	some	some	review of sources, cited	partly	0	only technical	some	avoided some	A
	fair	fair	fair	not well fitting	some own input	average	1 -	points cleared		questions	concise and corre
)	good	good	well performed, sufficient number	deviations qualitatively analysed	some interesting results	interesting solution	2	some scientific	many	cooperated well	no questions aske
	detajlêd demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental	some aspects above average	3	interesting points discussed	+ data/theory convincingly supported	answered directly to most questions	inconclusive or to
	ep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations	considerable experimental	greater extent than expected	4 —	brought in new physics	0111	efficient,	-2 deeply incorrect or s deep misconception



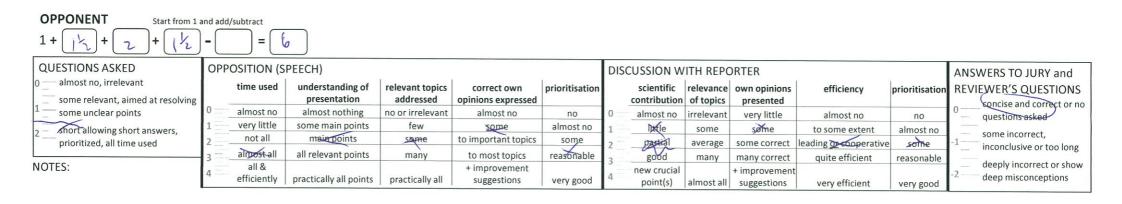


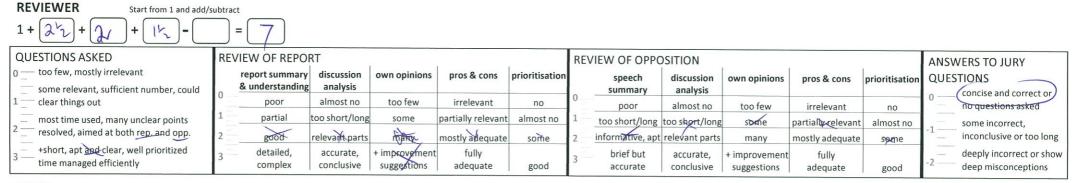
NOTES:

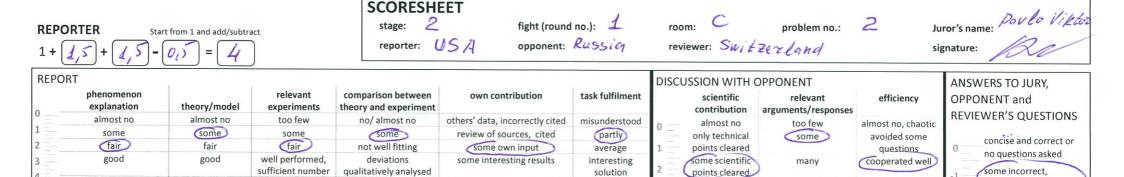
REVIEWER



EPOR	T						DISC	USSION WITH C	OPPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment		scientific contribution	relevant arguments/responses	efficiency	OPPONENT and
=	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	0	almost no		almost no, chaotic	REVIEWER'S QUESTION
	some	some	some	some	review of sources, cited	partly	0 -	only technical	some	avoided some	
	-fair	-fair	fair	not well fitting	some own input	average	1 -	points cleared		questions	concise and correct
	good	good	well performed, sufficient number	deviations qualitatively analysed	some interesting results	interesting solution	2 =	some scientific	many	cooperated well	no questions asked some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	some aspects above average	3 =	interesting points discussed		answered directly to most questions	inconclusive or too l
	p and comprehensible, on ows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	4 =	brought in new physics	proved deep understanding	efficient, productive	deeply incorrect or deep misconception







some aspects

above average

greater extent

than expected

interesting points

discussed

brought in new

physics

+ data/theory

proved deep

understanding

convincingly supported to most questions

answered directly

efficient,

productive

considerable experimental

or theoretical

considerable experimental

and theoretical

inconclusive or too long

deeply incorrect or show

deep misconceptions

NOTES:

detailed

demonstrative

shows physical insight

deep and comprehensible, detailed, complex,

quite detailed,

correct

completely testable convincing analysis

+ results explained

errors analysed

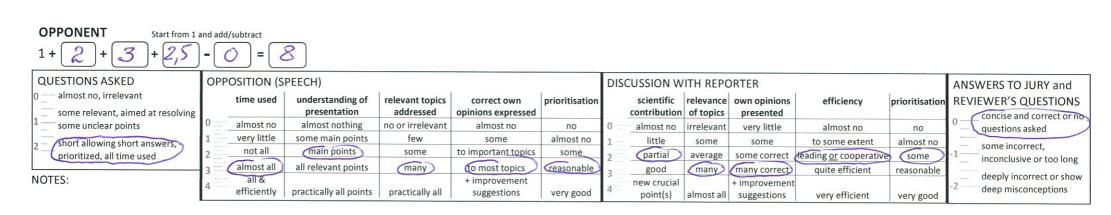
+ reproducible,

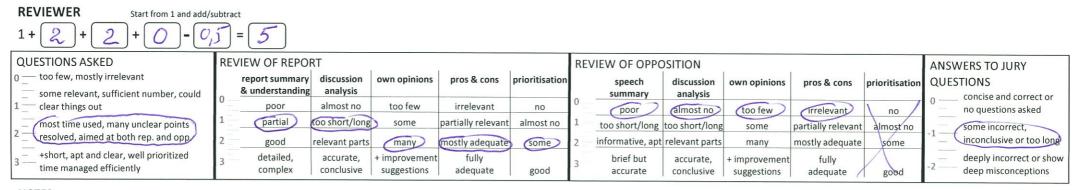
+ theory limits

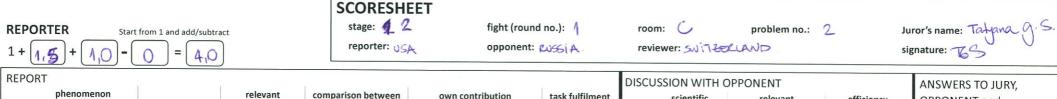
explained, conclusive

well fitting, deviations

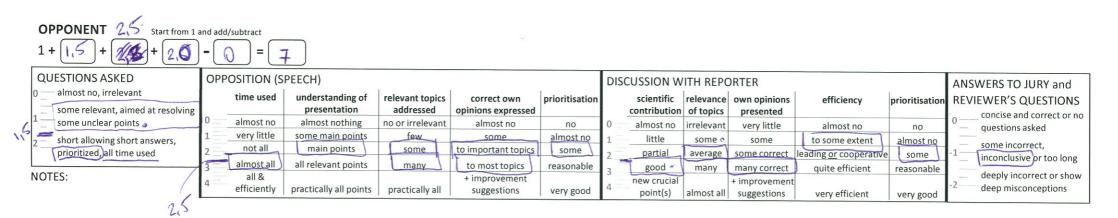
analysed, conclusive

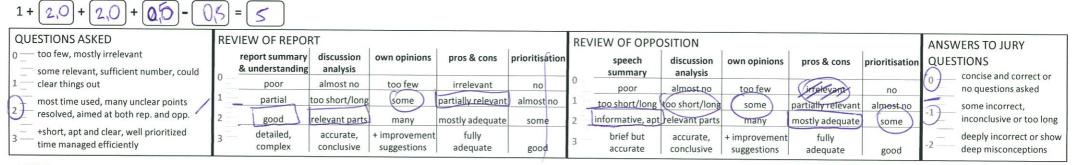






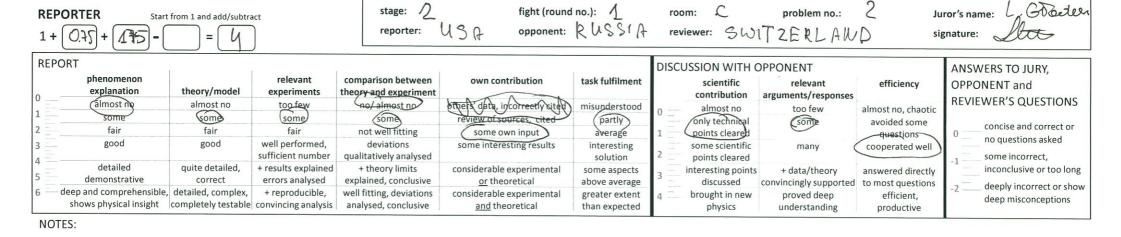
REPORT		3					DISCL	JSSION WITH C	PPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment		scientific contribution	relevant arguments/responses	efficiency	OPPONENT and
	almost no	almost no	too few	/ no/ almost no •	others' data, incorrectly cited	misunderstood	n —	almost no		almost no, chaotic	REVIEWER'S QUESTIONS
_	some	some	some	some •	review of sources, cited	partly •	-	only technical	some	avoided some	
	fair	fair	. fair	not well fitting	some own input	average	1 -	points cleared		questions	concise and correct or
	good	good	well performed, sufficient number	deviations qualitatively analysed	some interesting results	interesting solution	2	some scientific	many	cooperated well	no questions asked some incorrect.
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	some aspects above average	3	interesting points		answered directly to most questions	inconclusive or too long
	p and comprehensible, nows physical insight			well fitting, deviations analysed, conclusive	considerable experimental and theoretical		brought in new physics		efficient, productive	deeply incorrect or sho deep misconceptions	



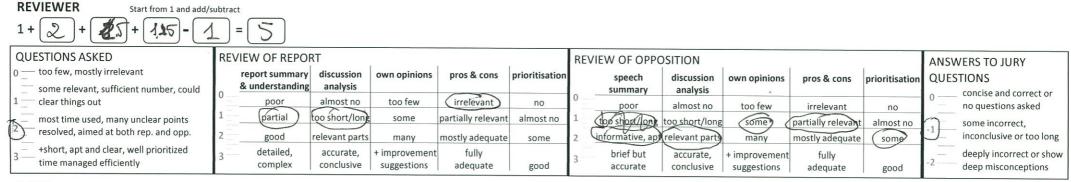


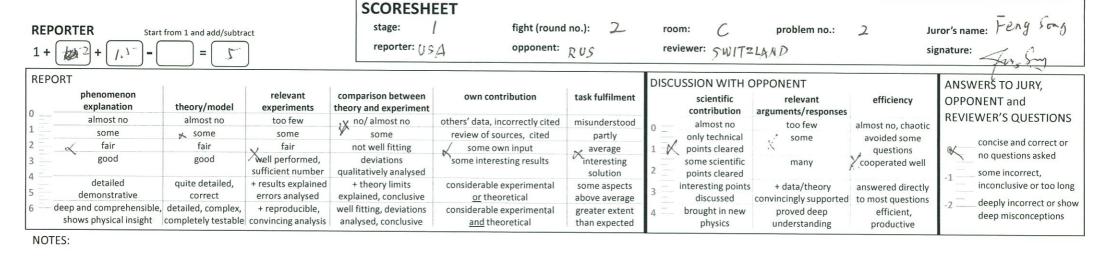
NOTES:

REVIEWER



	OPPONENT Start from 1	and add	d/subtract												
	1+15+2+2	-	1 = (
	QUESTIONS ASKED	OPF	POSITION (S	PEECH)				DIS	CUSSION W	ITH REPO	ORTER			ANS	SWERS TO JURY and
	0 — almost no, irrelevant — some relevant, aimed at resolving		time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritisation		scientific contribution		own opinions presented	efficiency	prioritisation	REV	TEWER'S QUESTIONS concise and correct or no
1	1 some unclear points	0	almost no	almost nothing	no or irrelevant	almost no	no	0 =	almost no	irrelevant	very little	almost no	no	0	guestions asked
7	 short allowing short answers, 	1	very little	some main points	few	some	almost no	1	little	(some)	some	to some extent	almost no	4	
	prioritized, all time used	2 =	not all	main points	some	to important topics	some	2	partial	average	some correct	teading or cooperative		-1	some incorrect, inconclusive or too long
Į	*	3 -	(almost all)	all relevant points	many	to most topics	reasonable	2	good	many	many correct	quite efficient	reasonable		3
1	NOTES:	4 -	all & efficiently	practically all points	practically all	+ improvement suggestions	very good	4	new crucial point(s)	almost all	+ improvement suggestions	very efficient	very good	-2	deeply incorrect or show deep misconceptions

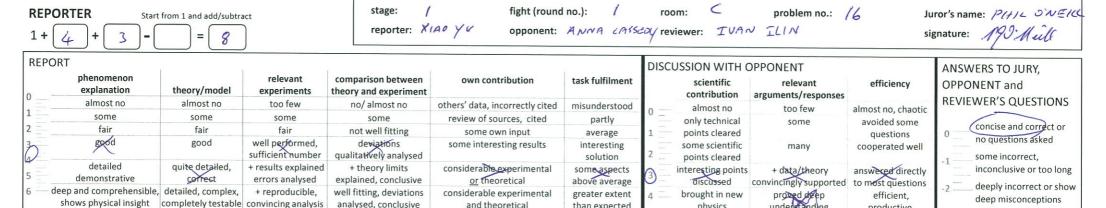




OPPONENT Start from 1 a	and add/subtract	6											
QUESTIONS ASKED	OPPOSITION (S	PEECH)				DISC	USSION W	ITH REPO	ORTER			ANS	WERS TO JURY and
0 — almost no, irrelevant some relevant, aimed at resolving	time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritisation		scientific contribution	A CONTRACTOR OF THE PROPERTY O	own opinions presented	efficiency	prioritisation		EWER'S QUESTIONS concise and correct or no
some unclear points	0 almost no	almost nothing	no or irrelevant	almost no	no	0	almost no	irrelevant	very little	almost no	no	K	questions asked
short allowing short answers,	1 🙏 very little	some main points	few	some	almost no	1 1	little	some	_ /some	√ to some extent	almost no	,/	
prioritized, all time used	2 not all	x main points	some	to important topics	some	2	partial	average	some correct	leading or cooperative	× some	1	some incorrect, inconclusive or too long
	3 — almost all	all relevant points	many	to most topics	reasonable	3	good	many	many correct	quite efficient	reasonable		
NOTES:	4 all & efficiently	practically all points	practically all	+ improvement suggestions	very good	4	new crucial point(s)	almost all	+ improvement suggestions	very efficient	very good	2	deeply incorrect or show deep misconceptions

1+	1 + 2 + 2 -		= 6												
		REV	IEW OF REPO	RT				RE	VIEW OF OPPC	SITION				ANS	VERS TO JURY
	too few, mostly irrelevant some relevant, sufficient number, could		report summary & understanding		own opinions	pros & cons	prioritisation		speech summary	discussion analysis	own opinions	pros & cons	prioritisation	QUES	STIONS concise and correct or
1	clear things out	0	poor	almost no	too few	irrelevant	no	0	poor	almost no	too few	irrelevant	no	K	no questions asked
2	most time used, many unclear points	1	partial	too short/long	y some	partially relevant	almost no	1	too short/long	too short/long	✓ some	partially relevant	√almost no	-1	some incorrect,
	resolved, aimed at both rep. and opp.	2	good	relevant parts	many	mostly adequate	some	2	formative, apt	relevant parts	many	mostly adequate	some	-	inconclusive or too long
13	+short, apt and clear, well prioritized time managed efficiently	3	detailed, complex	accurate, conclusive	+ improvement suggestions	fully adequate	good	3	brief but accurate	accurate, conclusive	+ improvement suggestions	fully adequate	good	-2	deeply incorrect or show deep misconceptions

REVIEWER



than expected

understanding

productive

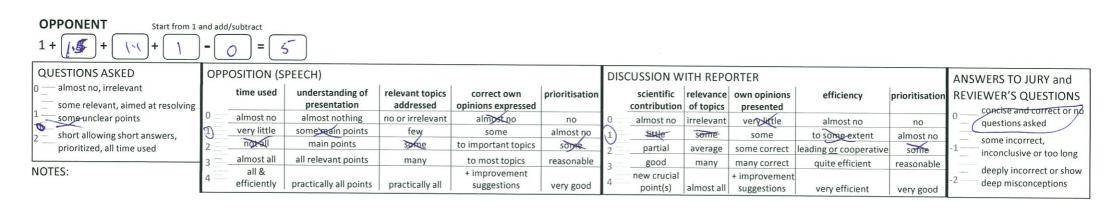
physics

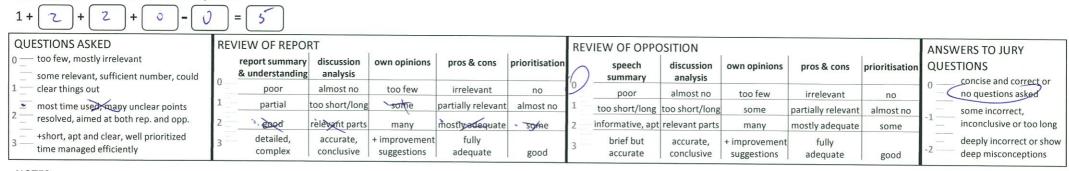
and theoretical

SCORESHEET

analysed, conclusive

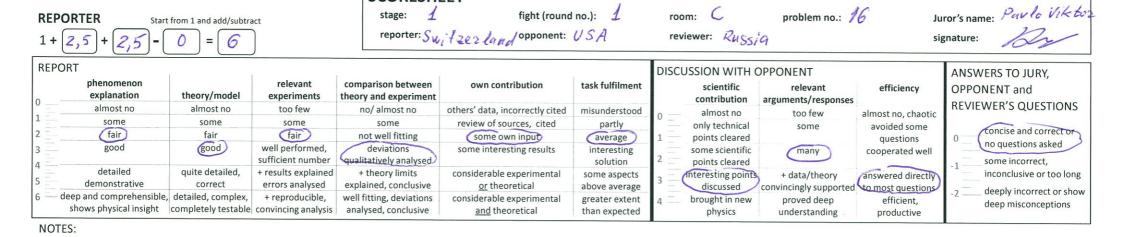
NOTES:



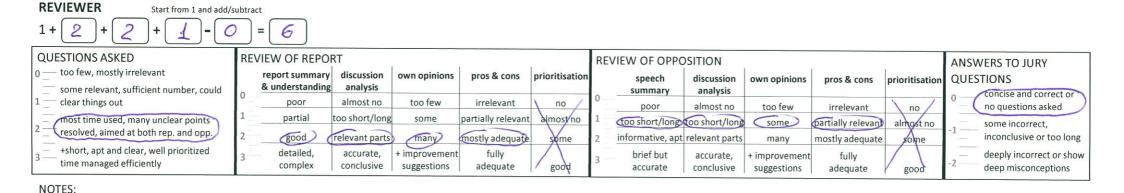


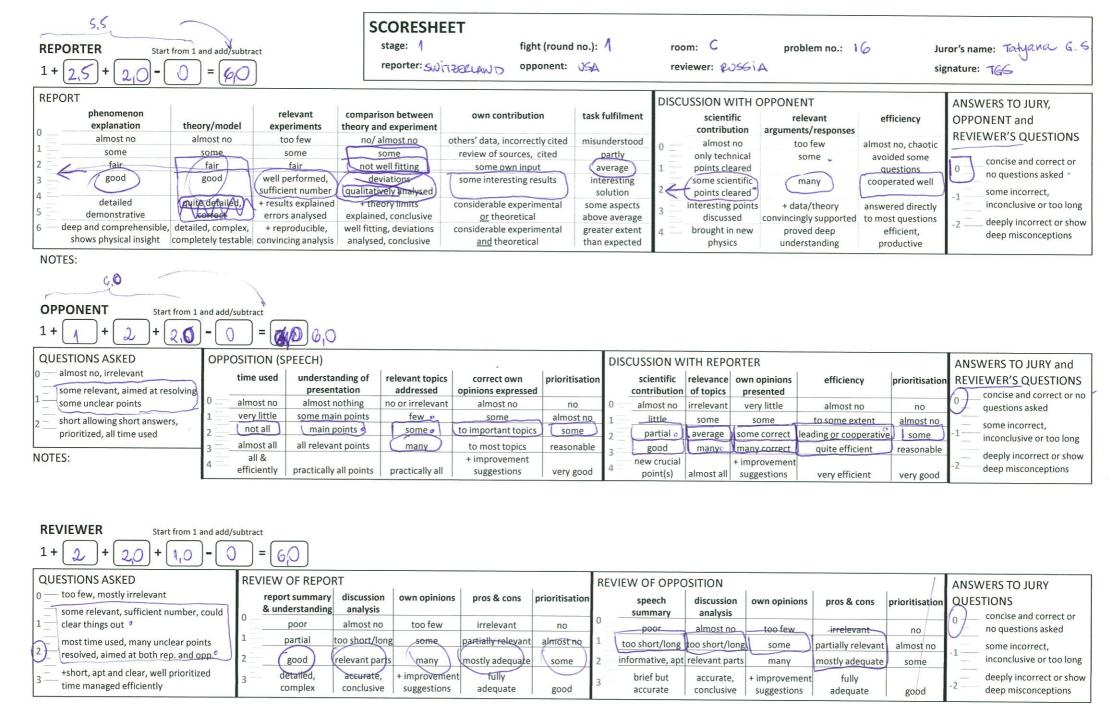
NOTES:

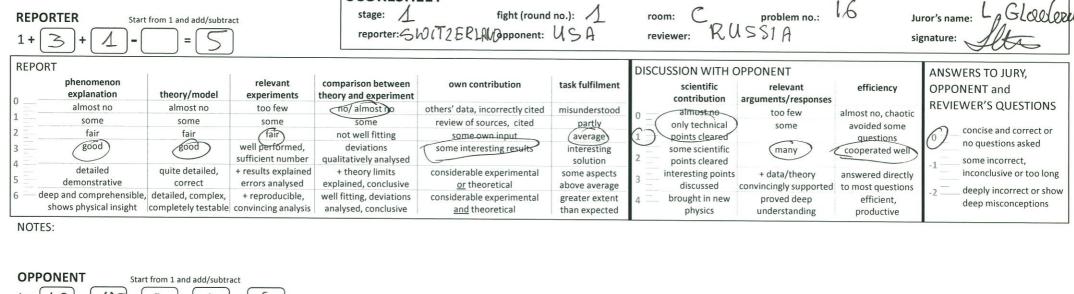
REVIEWER

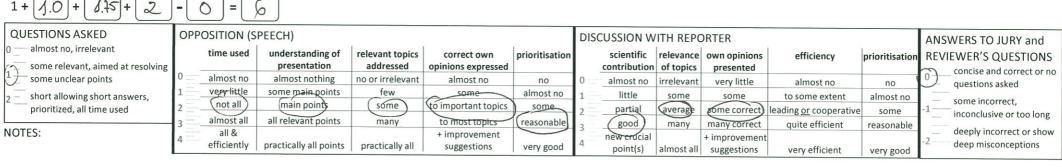


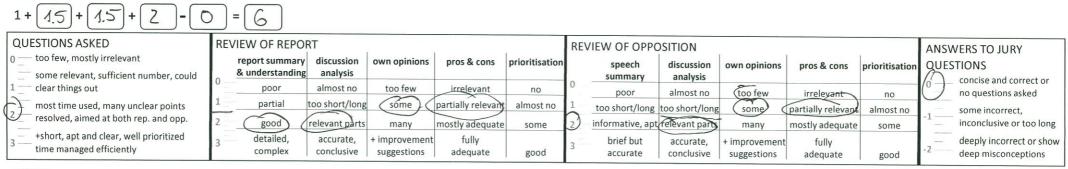
OPP	ONENT Start from 1 a	and add	d/subtract											
$1 + \underbrace{1} + \underbrace{3} + \underbrace{2,5} - O = 8$														
5500-0000000000000000000000000000000000	TIONS ASKED	OPP	OSITION (S	PEECH)				DIS	CUSSION W	ITH REPO	ORTER			ANSWERS TO JURY and
_	most no, irrelevant me relevant, aimed at resolving		time used	understanding of presentation	relevant topics addressed	correct own opinions expressed	prioritisation		scientific contribution		own opinions presented	efficiency	prioritisation	REVIEWER'S QUESTIONS
11	me unclear points	0	almost no	almost nothing	no or irrelevant	almost no	, no /	0	almost no	irrelevant	1000 00	almost no	\ no /	0 questions asked
2 - sh	ort allowing short answers,	1	very little	some main points	few	some	almost no	1	little	some	some	to some extent	almost no	some incorrect,
pr	ioritized, all time used	2 =	not all	main points		to important topics	some	2	partial	average	some correct	leading <u>or</u> cooperative	some	-1inconclusive or too long
NOTEC		3 =	(almost all	all relevant points	many	to most topics	reasonable	3	good	many	many correct	quite efficient	reasonable	deeply incorrect or show
NOTES	:	4 =	all & efficiently	practically all points	practically all	+ improvement suggestions	very good	4	new crucial point(s)	almost all	+ improvement suggestions	very efficient	very good	deep misconceptions





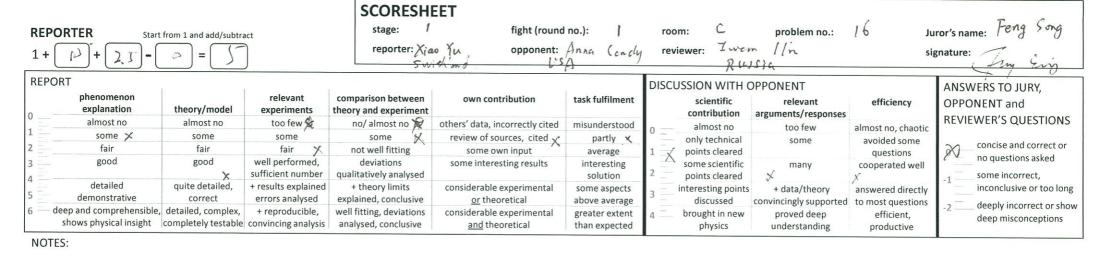


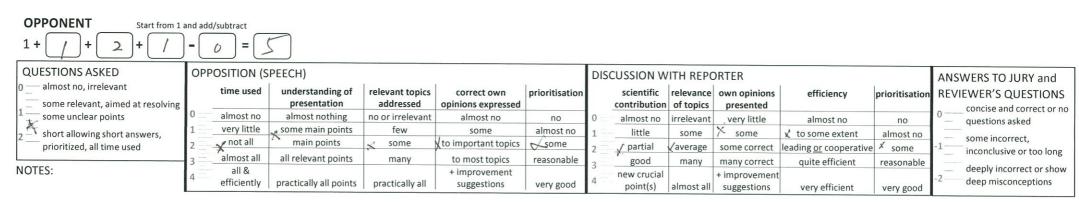


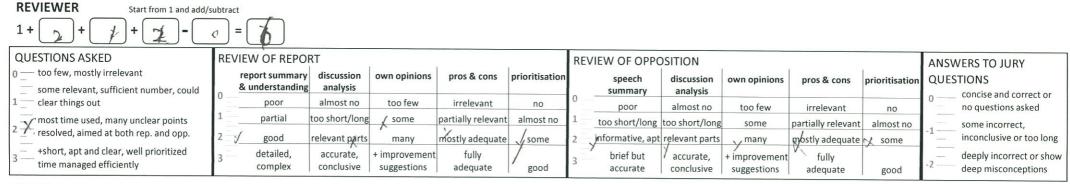


NOTES:

REVIEWER







Accepted Problem

Q16.

Metronnome

Syndrovitation

Q2.

Galloon

Airhorn

025. Leidenfinst flag

Rejected Problems

Signature Fight Assistant:...... Signature Fight Assistant:........ Double-checked with Scoring Guidelines by second Fight Assistant (signature): .



Juror

FENG

TATYANA GONCALVES STANKEVICIUS

LESZEK GLADCZUK

PHILIP O'NEILL

PAULO VIKTOR