			SCORESHE	ET		Hair Hygrometer					
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almost no	almost no	too few		others' data, incorrectly cited	misunderstood	V	o few almost no,				
some 2 fair	some fair	some	some not well fitting	review of sources, cited some own input	partly	only technical s 1 points cleared	ome avoided questi	one of concise and correct of			
3 good	good	well performed,	deviations	some interesting results	interesting	some scientific r	nany cooperate	ed well — 110 questions asked			
4 detailed	quite detailed,	+ results explained /	+ theory limits	considerable experimental	some aspects	points clearedinteresting points+ date	a/theory answered	some incorrect, directly inconclusive or too long			
5demonstrative	correct	errors analysed	explained, conclusive	or theoretical	above average	3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	gly supported to most qu				
6 — deep and comprehensible, shows physical insight			well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected		ed deep efficie rstanding produc	ent, deep misconceptions			
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some unclear points		lmost no almost :		no or irrelevant	almost no	no	- ∕- 0 :	almost no	irrelevant	very little	almost no	no /	. qu	estions asked	
2 - short allowing short answers,	, <u> </u>	rery little some ma not all main p		few	some	almost some		little	some	some	to some extent	almost no	sor	me incorrect,	
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some relevant sufficient nun	mber, could	0 8 understanding	analysis	<u> </u>			_ 0	summary	analysis	,			/	oncise and correct or	
1 clear things out			almost no	too few	irrelevant	no	/	poor	almost no	too few	irrelevant	no /	U	questions asked	
most time used, many unclea	ar points	1 partial	too shart/loi	ng some	partially relevant	almost no	1	too short/long	too short/lor	ng some	partially relevant	almost no	_ so	me incorrect,	
2 resolved, aimed at both rep.	and opp.		relevant par	1 -	mostly adequate	some	2	nformative, apt	relevant par	ts many	mostly adequate	some	-1	conclusive or too long	
+short, apt and clear, well pr	rioritized	detailed,	accurate,	+ improveme				brief but	accurate,	+ improveme		7	de	eeply incorrect or show	
time managed efficiently		complex	conclusive		1 ' 1	good	3	accurate	conclusive			good		ep misconceptions	

SCORESHEET

stage: 1

fight (round no.): 5

room: 🕝

problem no.: 11

Juror's name: Peter Boross signature: Buron Relf

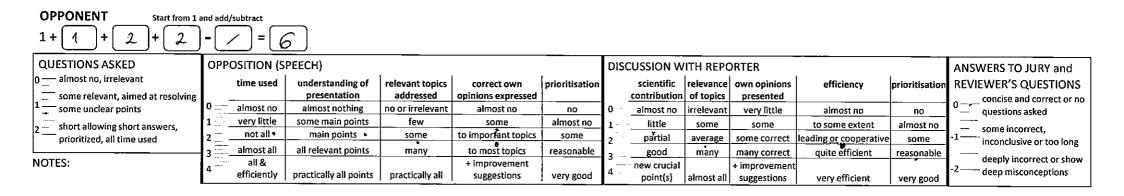
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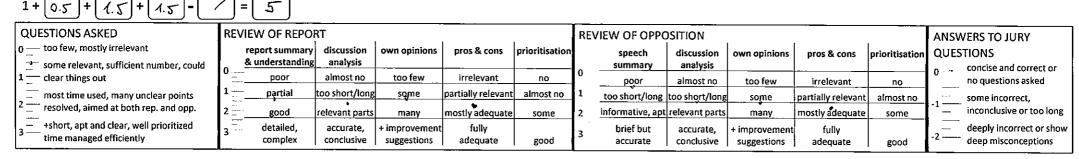
reporter: USA

opponent: South Korea reviewer: Ukraine

REP	ORT	,				_	DISC	JSSION 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	n -	almost no	1 " " "	almost no, chaotic	REVIEWER'S QUESTIONS
1, =	some	some	some	some	review of sources, cited	partly	٠	only technical	some	avoided some	. concise and correct or
2 =	fair	fair	fair	not well fitting	some own input	average	1 —	points cleared		questions	0 no questions asked
3	good	good	well performed, sufficient number	deviations qualitatively analysed	some interesting results	interesting solution	2	some scientific points cleared	many	cooperated well	some incorrect,
==	detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	some aspects	2	interesting points	+ data/theory	answered directly	inconclusive or too long
5 :	demonstrative	correct	errors analysed	explained, conclusive	<u>or</u> theoretical	above average	3 —	discussed	convincingly supported	to most questions	deeply incorrect or show
6	deep and comprehensible, shows 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	deep misconceptions

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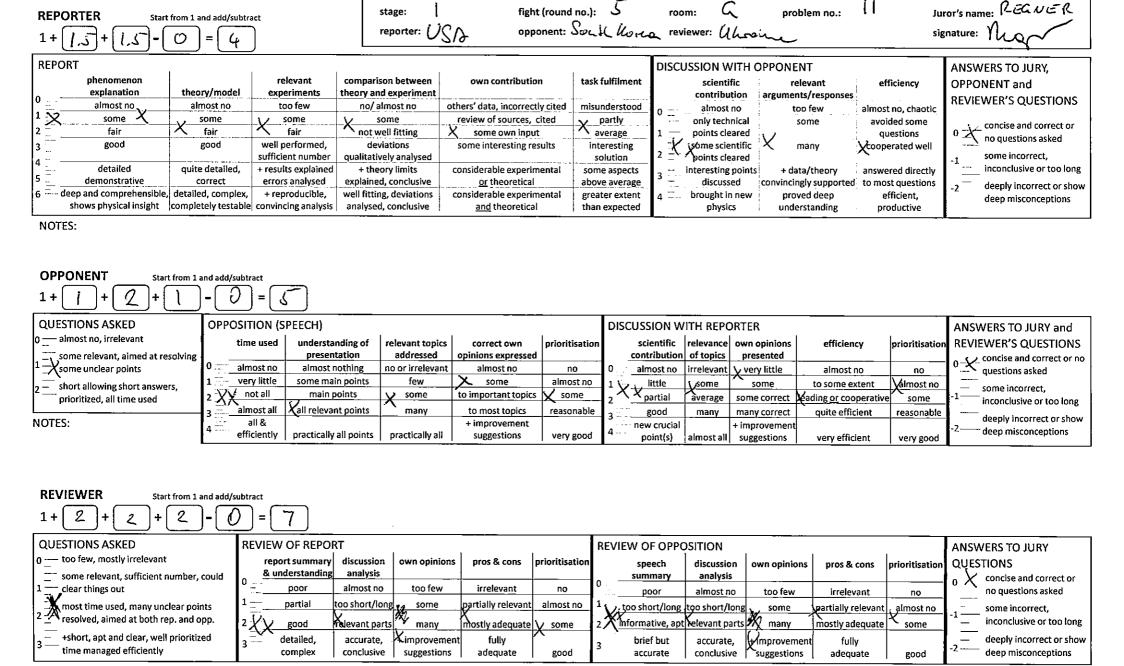




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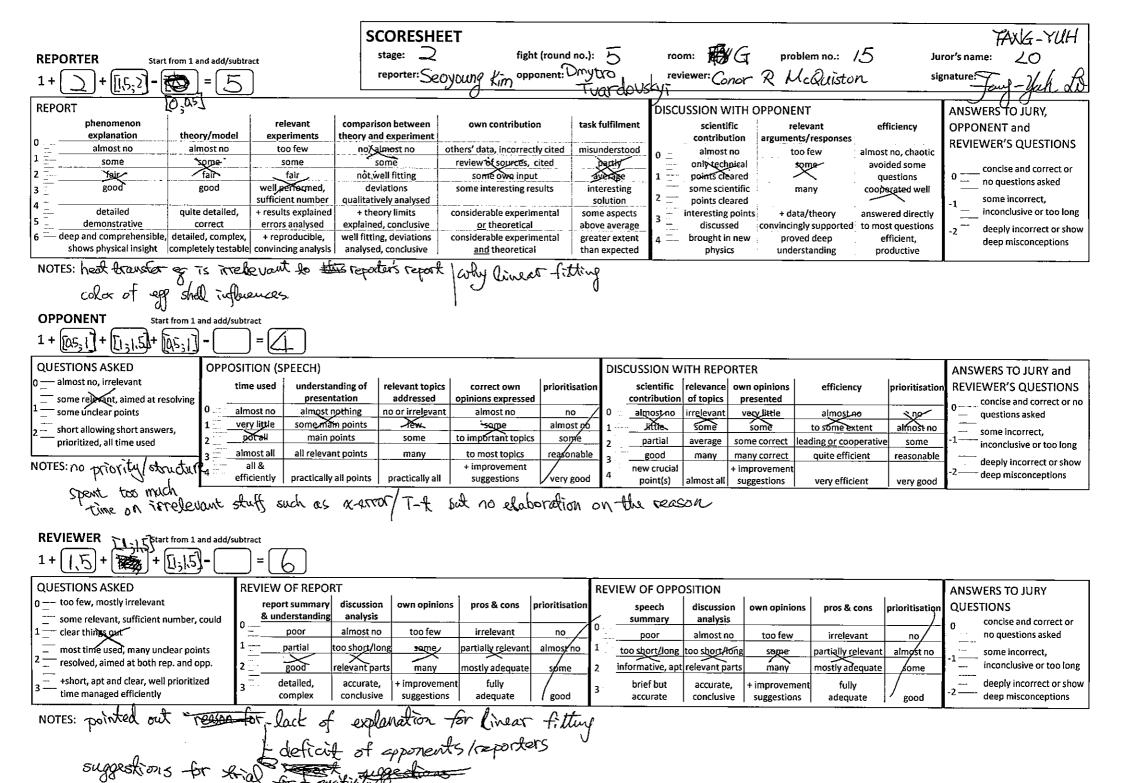
Start from 1 and add/subtract

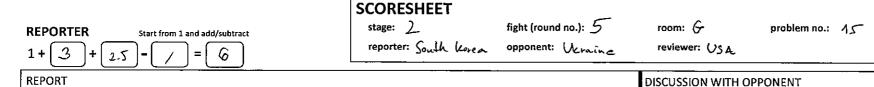


REPORTER Start from :	1 and add/subtract	stage:	fight (round no.):	: 5	room: G	problem no.: 15	Juror's nar	ne: Ng Hui Khoon Nghuilh
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Boiled egg

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3 good	good	well performed,	deviations	some interesting resu			ne scientific	many	cooperated well	no questions asked
4	quite detailed,	sufficient number + results explained	qualitatively analysed + theory limits	considerable experime	solution ental some aspec		ints cleared esting points + c	data/theory	answered directly	some incorrect, inconclusive or too long
5 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	above avera	4			to most questions	deeply incorrect or show
6 — deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	_ considerable experime and theoretical	T		T .	oved deep	efficient,	deep misconceptions
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some relevant, sufficient n	umber, could	& understanding	analysis				nalysis	ions prosec	ons prioritisation	concise and correct or
1 clear things out	ٳۜٞ	poor	almost no too few	irrelevant	no 0	poor alr	most no too fee	w irreleva	nt no	no questions asked
most time used, many unc	icui points		oo short/long some	partially relevant		short/long too s				-1 — some incorrect,
Steport ant and clear well	_		elevant parts many	mostly adequate	· \	rmative, apt	\		quatessome	inconclusive or too long
13	3	detailed,	accurate, + improvem conclusive suggestion	F: \ '	good 3	`	curate, timprove nclusive suggesting	ment fully ons adequat	te good	-2 — deeply incorrect or show deep misconceptions
time managed efficiently					-	1 44		,	1 8000	
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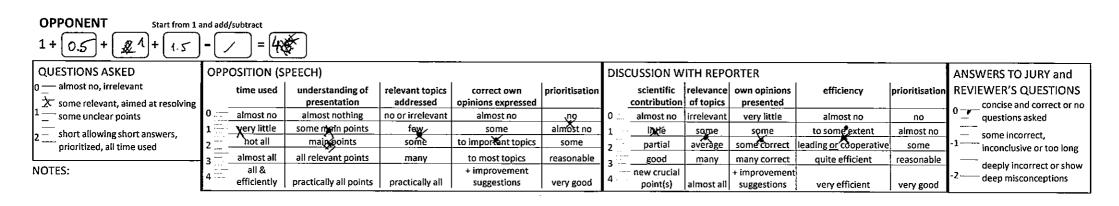


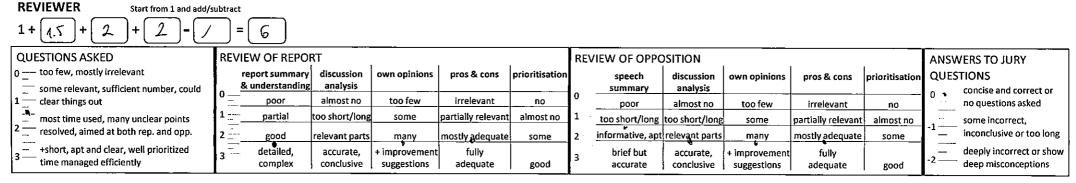
REPO	ORT	1	1 1			1	DISCU	JSSION WITH (OPPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment		scientific contribution	relevant arguments/responses	efficiency	OPPONENT and
0	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	n	almost no	too few	almost no, chaotic	REVIEWER'S QUESTIONS
1 =	some	some	some	some	review of sources, cited	partly	-	only technical	some	avoided some	concise and correct or
2	fair	fair	fair	not well fitting	some own input	average	1	points cleared	:	questions	0 no questions asked
3 -	good	gơ l od	well pefformed,	deviations	some interesting results	interesting	_ =-	some scientific	many	cooperated well	110 duestions asked
₄ = .	é		sufficient number	qualitatively analysed		solytion	2	points cleared	•		-1 some incorrect,
=	detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	some aspects	,	interesting points	+ data/theory	answere directly	inconclusive or too long
5	demonstrative	correct	errors analysed	explained, conclusive	<u>or</u> theoretical	above average	3	discussed	convincingly supported	to most questions	deeply incorrect or show
6	deep and comprehensible	, detailed, complex,	+ reproducible,	well fitting, deviations	considerable experimental	greater extent	4 —	brought in new	proved deep	efficient,	deep misconceptions
	shows physical insight	completely testable	convincing analysis	analysed, conclusive	<u>and</u> theoretical	than expected		physics	understanding	productive	2205

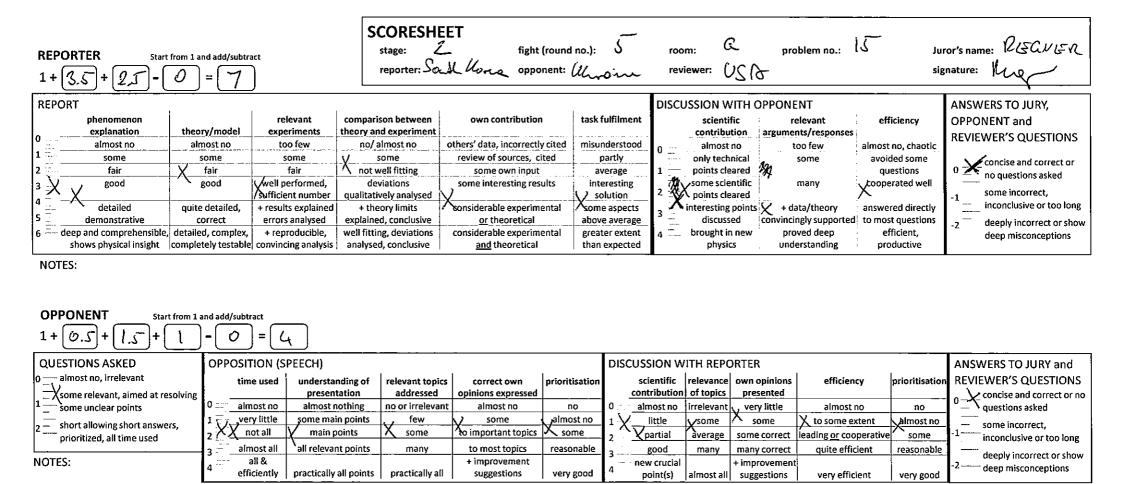
Juror's name: Peter Boroes

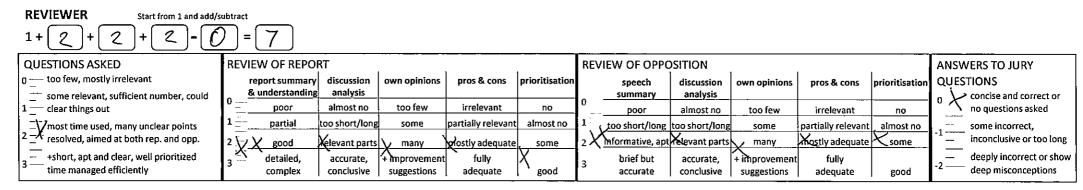
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NOTES:



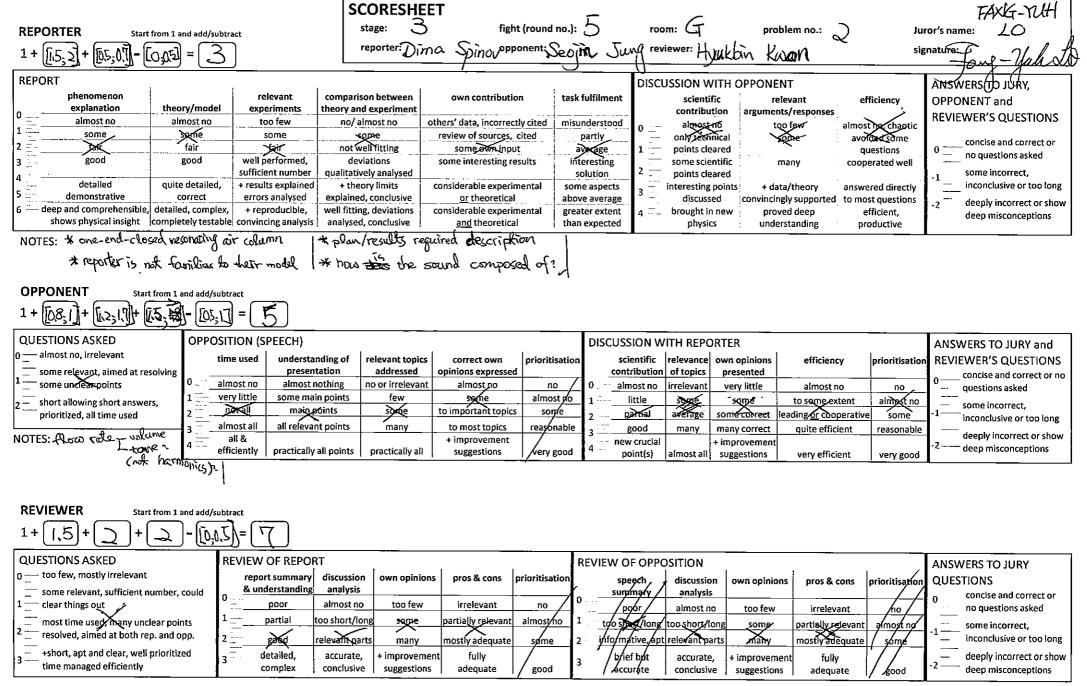


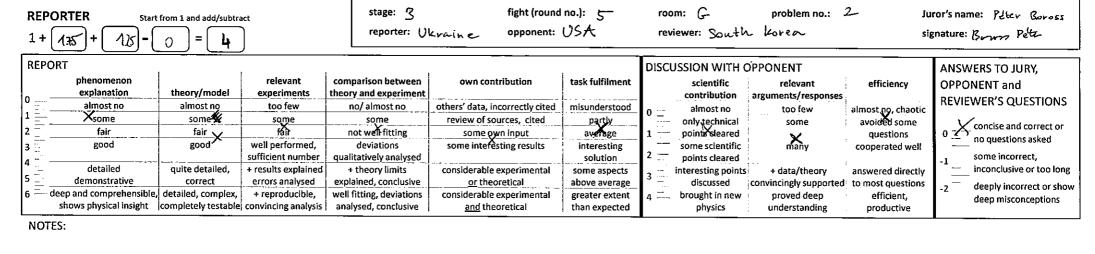




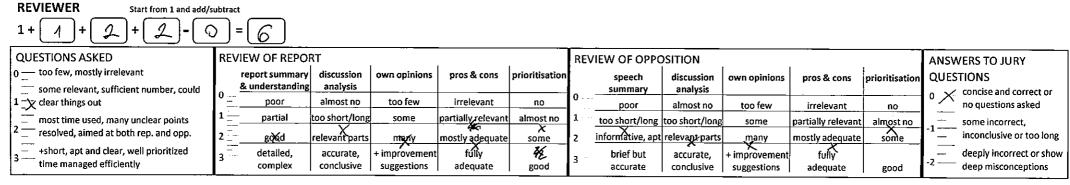
	SCORESHEET		Balloon airhom						
REPORTER Start from 1 and add/subtract	stage: fight (round r	no.): 5 roo	om: G problem no.: 2	Juror's name: My Huithon					
1+2.5+0-0.5=3	reporter: Ukraine opponent:	WSA rev	viewer: S. Cotca	signature: Multhu					
explanation theory/model experiments theo almost no almost no too few some some some fair fair fair good good well performed, sufficient number qua detailed quite detailed, + results explained exp demonstrative correct errors analysed exp shows physical insight completely testable convincing analysis and NOTES: Good illustration of the phenomenan. Over the phenomenan of the phenomenan	aparison between ry and experiment could arrow others' data, incorrectly cited some review of sources, cited some own input deviations litatively analysed theory limits lained, conclusive fitting, deviations considerable experimental and theoretical simplication will be a considerable experimental and theoretical simplications will be a considerable experimental and theoretical simplifications will be a considerable experimental and the	misunderstood partly average interesting solution some aspects above average greater extent than expected 0 0 1 3 4	only technical some a points cleared some scientific many co	efficient, productive deep misconceptions					
1+ 2 + 2 - 0 = 7		No	ta helpful discussion as	tall.					
QUESTIONS ASKED 15 6 P 0 almost no, irrelevant 1 some relevant, aimed at resolving some unclear points 2 short allowing short answers, prioritized, all time used NOTES: OPPOSITION (SPEECH) 2 time used understanding presentation 1 very little some main points 2 not all main points 3 almost all all relevant point all & efficiently practically all points	addressed opinions expressed g no or irrelevant almost no no uts few some almost some to important topics / som uts many to most topics reason: + improvement	scientific contribution o almost no t no	rrelevant very little almost no some some to some extent average some correct leading or coopera many correct quite efficient expressions.	prioritisation REVIEWER'S QUESTIONS concise and correct or no questions asked almost no tive frame reasonable reasonable prioritisation REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions					
Could have han botte!	dled this part much	Opponent a	ives correct physics an	d helps					
REVIEWER Start from 1 and add/subtract $1 + 25 + 25 + 2 - 0 = 8$		Catches in	gives a correct physics and guidly his auswers - an point of the overling	lification.					
o too few, mostly irrelevant some relevant, sufficient number, could clear things out most time used, many unclear points resolved, aimed at both rep. and opp. short, apt and clear, well prioritized report summary discrease understanding and poor alm poor alm too short, apt and clear, well prioritized report summary discrease understanding and poor alm too short, apt and clear, well prioritized detailed, according to the poor alm too short, apt and clear, well prioritized	ussion own opinions pros & cons prioritisations ost no too few irrelevant no cort/long some partially relevant almost no mostly adequate some partially relevant almost no cort parts many mostly adequate some partially adequate some partially suggestions adequate good	o 1 summary poor togeshort/long informative, ap brief but	discussion analysis pros & consum analysis pros & consum almost no too few irrelevant too short/long some partially relevant revevant parts many mostly adequation accurate, + improvement fully	ont almost no ate some concise and correct or no questions asked some some incorrect, inconclusive or too long deeply incorrect or show					
NOTES: Brought out hiscad points so fer.	clusive suggestions adequate good	accurate	conclusive suggestions adequate	good deep misconceptions					

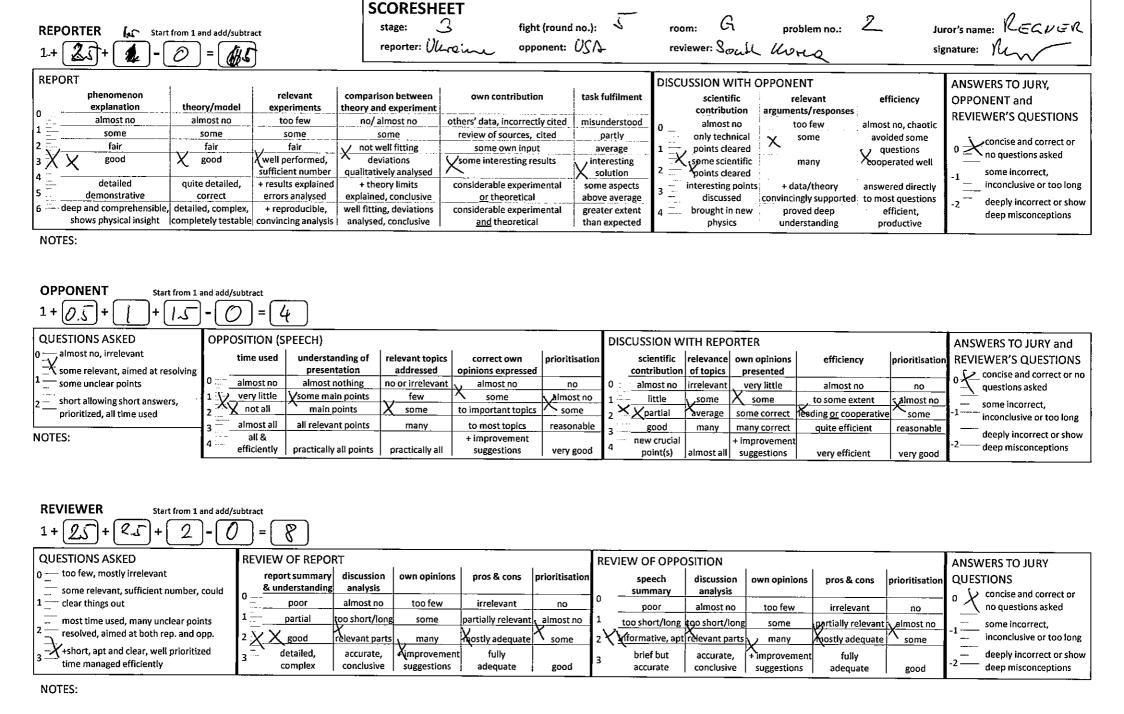
Dima Spinov	SCORESHEET		_		
REPORTER Start from 1 and add/subtract	stage: 3 fight (round no	o.): 5 room:	G problem no.:	Jur	or's name: DMAZUR
1+(2)+(2)-(1)=(2)	reporter: UKRAINE opponent:	USA reviewe	: S'KOREA	sig	nature: X Various
REPORT	1	DISCUSSIO	ON WITH OPPONENT		ANSWERS TO JURY,
	parison between own contribution to and experiment		cientific relevant stribution arguments/responses	efficiency	OPPONENT and
almost no too few some some	some others' data, incorrectly cited some review of sources, cited	/	most no too few	almost no, chaotic	REVIEWER'S QUESTIONS
	ot well fitting some own input	average 1 poi	nts cleared	questions	0 concise and correct or no questions asked
sufficient number qual	itatively analysed	solution 2 — poi	e scientific many nts cleared	cooperated well	some incorrect,
5 demonstrative correct errors analysed expl	ained, conclusive <u>or</u> theoretical	above average	esting points + data/theory scussed convincingly supported	answered directly to most questions	nconclusive or too long deeply incorrect or show
l			ght in new proved deep physics understanding	efficient, productive	deep misconceptions
NOTES: Why we of one of No	of for confare with	speriment !	errote in	, b37	- P40
Seojin Jung Mice	of) to coupare with	Gredry &	of Constitution	1 1 2 1	
OPPONENT Start from 1 and add/subtract			respond	red (J)	my thous an
1+(1,2)+(2,4)+(2,1)-(0,7)=(6)			1	REV	/
QUESTIONS ASKED OPPOSITION (SPEECH)		DISCUSSION WITH	REPORTER		ANSWERS TO JURY and
0 — almost no, irrelevant time used understanding or some relevant, aimed at resolving presentation	of relevant topics correct own prioritisa addressed opinions expressed	tion scientific relev contribution of to	1 - 1	cy prioritisation	
1 some unclear points 0 almost no almost nothing	no or irrelevant almost no no	0 almost no irrele	vant very little almost r	10 n o	0 concise and correct or no questions asked
short allowing short answers, prioritized, all time used 2 not all main points	ts few some almost some some some	— ^ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ 	ne some to some ex age some correct leading or coo		some incorrect,
NOTES: 3 — Jalmost all All relevant poin	ts many to most topics reasonal	ble 3 good ma			deeply incorrect or show
efficiently practically all poi	nts practically all suggestions very go	od 4 point(s) alino		ent very good	-2 deep misconceptions
the sent of	me to get any an	ever on ga	ripication		
REVIEWER Start from 1 and add/subtract	, ,	· ·	V '		
1+ 2+ 19+ 1,8-03=6					
QUESTIONS ASKED REVIEW OF REPORT		REVIEW OF OPPOSITI	ON		ANSWERS TO JURY
0 — too few, mostly irrelevant report summary discusions some relevant, sufficient number, could analysis and sunderstanding analysis and summary discussions are summary discussions and discussions are summary disc	ssion own opinions pros & cons prioritisatio		cussion own opinions pros &	cons prioritisation	
1 clear things out poor almo	st no too few irrelevant no	0 - poor alr	nost no too few irrelev	ant no	o concise and correct or no questions asked
27-	ort/long some partially relevant almost no	too short/long too s informative, apt fele			some incorrect, inconclusive or too long
3 +short, apt and clear, well prioritized 3 detailed, accu	rate, + improvement fully usive suggestions adequate good	3 brief but ac	ant parts many mòstly ad curate, + improvement fully clusive suggestions adequ	,	deeply incorrect or show deep misconceptions
NOTES - AND STATE OF	neching believe Fand	Wo	- 100 1 30040	1 <u>B</u> ood	
- plasticist of ment	re & mality of Mo	robes law			
<i>F</i> .					





OPPONENT Start from 1: 1 + 0.5 + 2 + 2	and add,	7	5										
QUESTIONS ASKED	OPP	OSITION (S	PEECH)				DIS	CUSSION W	ITH REPO	ORTER			ANSWERS 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	1	own opinions presented	efficiency	prioritisation	
1 some unclear points	0	almost no	almost nothing	no or irrelevant	almost no	no	0 -	almost no	irrelevant	· -	almost no	no	0 -x- concise and correct or no questions asked
short allowing short answers,	1 :	very little	some main points	few	some	almost no	1	little	some	some	to some extent	almost no	some incorrect,
prioritized, all time used	2	not all	main points	some	to important topics	some	2	partial	average	some correct	leading <u>or</u> X operative	some	-1 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	deeply incorrect or show -2 —— deep misconceptions





	Accepted Problem	Rejected Problems	Acting Team Member		Hui Khoon Ng		teng-Yuh Lo	Peter Boross	Ulrike Regnex	Juror	Team		Round:5 F
	11. Hour		Jandiph Thakral		J	IJ	গ	יט	4	Rep	USA		Room:
	Heir Hygrometer		Junyoung Jo	-	4	ب	6	6	S	Opp	South KOR	Stage 1	5g Fig
	NS		Maksym Botsuliak		υı	্তা	J	J	41	Rev	UKA	-	Fight Assistants:
	15. Boiled		Seogoung Kim		0	42	57	6	4	Rep	AR KOR		H
	led Eggs		Dmytro Tvardovskyi		4	∞	4	4	4	Opp	SHOW WKR	Stage 2	cer Kujaw
			Conor McQuiston		4	8	6	6	دـــــ		USA		Aung
	2. Bell		Dima Spinow		>	2	~	4	Ű	Rep	UKR		/ Sam Koh
	2. Belloon Airhorn		Seojin Jung		4	6	Ωħ	5	A	Opp	USA	Stage 3	Kon
	RIVE		Hyukbin Kwon		8	6	4	8	∞	Rev	KOR		
										Rep			
,										Opp		Stage 4	C Server
										Rev			30"