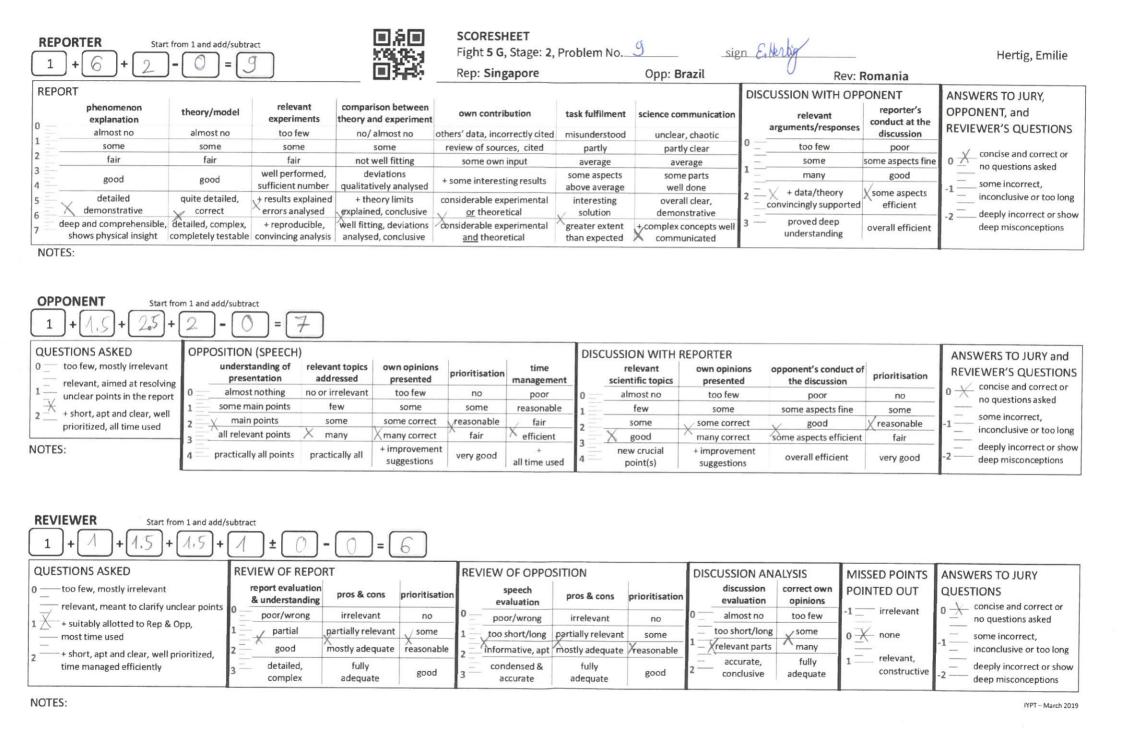


NOTES:



REPOR		from 1 and add/subtra	act		SCORESHEET Fight 5 G, Stage: 2, Rep: Singapore	Problem No	Opp: Brazil	gn Llass	ev: Romania	Lasser, Jana
REPORT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH	OPPONENT reporter's	ANSWERS TO JURY, OPPONENT, and
1 =	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respo	discussion	REVIEWER'S QUESTIONS
2	some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
3	fair	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	no questions asked
4	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many + data/theory	good y some aspects	some incorrect,
5	detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	convincingly suppo	[1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	inconclusive or too long
6	demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	O O O		-2 deeply incorrect or show
	o and comprehensible, ows physical insight		+ repoducible,	well fitting, deviations analysed, conclusive	considerable experimental	greater extent than expected	+ complex concepts well communicated	3 — proved deep understanding	OVERALI PITICIENT	deep misconceptions
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time	managed efficiently	3 —	detailed, complex	fully adequate good	3 — condensed & accurate	fully adequate		nclusive adequate	constructive	-2 deeply incorrect or show
	^				decarate	adduate				deep misconceptions
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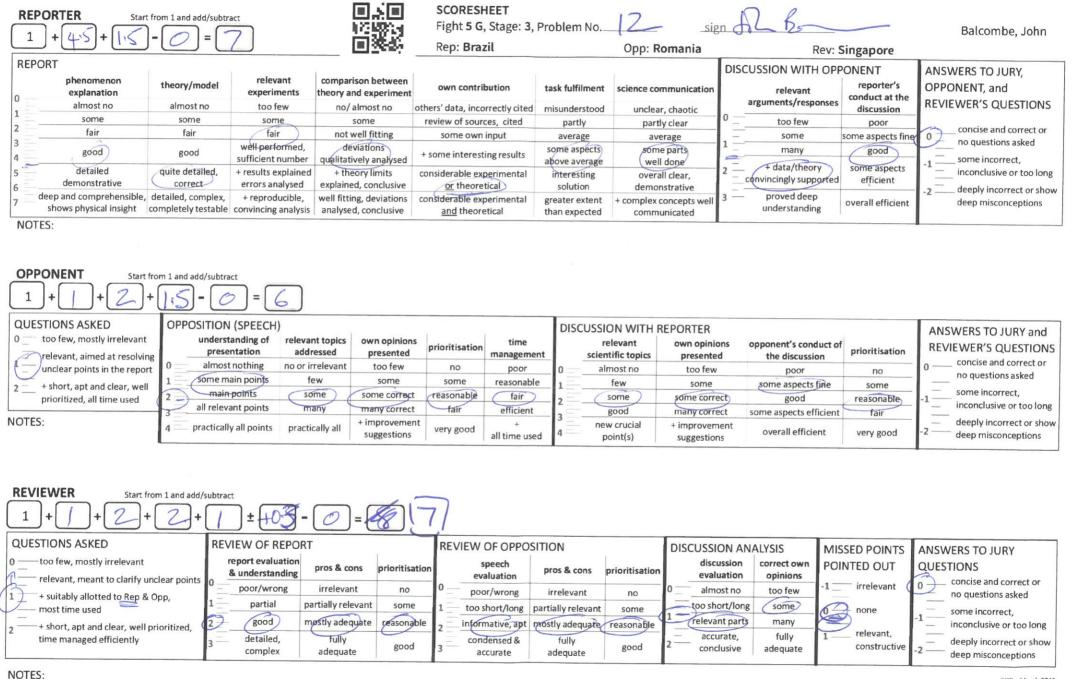
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	phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	science communication	relevant reporter's	OPPONENT, and
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2	fair	fair	fair	not well fitting	some own input	average	average	 some some aspects fine 	e 0 concise and correct or
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5	detailed	quite detailed)	sufficient number + results explained	+ theory limits	considerable experimental	above average interesting	well done	2 — data/theory some aspects	-1 some incorrect, inconclusive or too long
6 =	demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	overall clear, demonstrative	donvincingly supported efficient	deeply incorrect or show
	p and comprehensible,		+ reproducible,	well fitting, deviations	considerable experimental	greater extent	+ complex concepts well	3 — proved deep overall efficient	deep misconceptions
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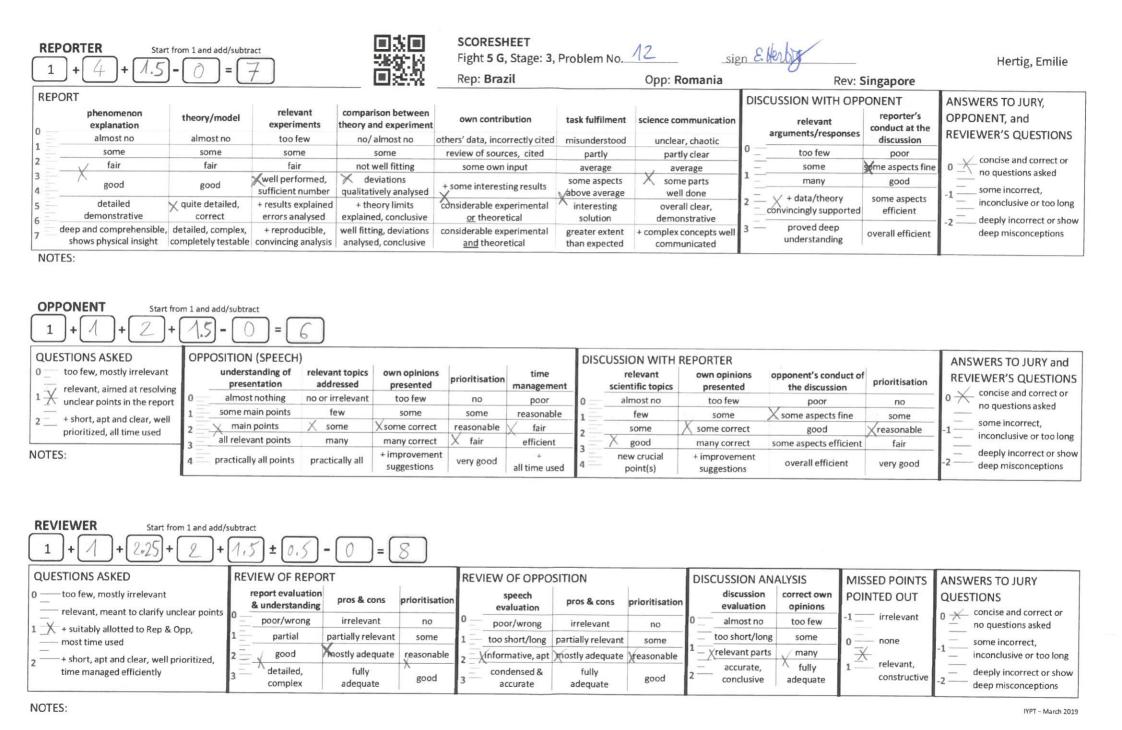
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	from 1 and add/subtr	act		SCORESHEET Fight 5 G, Stage: 2,	Problem No.	9. To	enlost Wa	sharenn	Waszkiewicz, Radost	
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REPORT			f				DISCUSSION WITH	OPPONENT	ANSWERS TO JURY,	
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0 almost no	almost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respo	onses conduct at the discussion	REVIEWER'S QUESTIONS	
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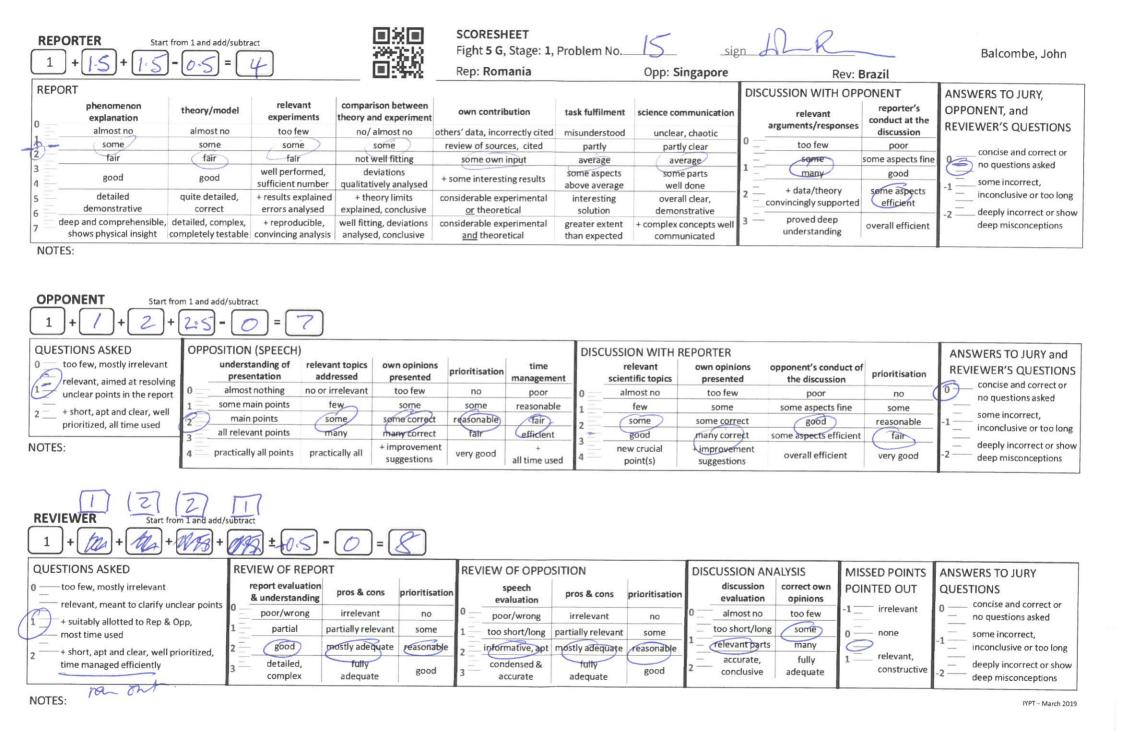
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almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/response	discussion	REVIEWER'S QUESTIONS
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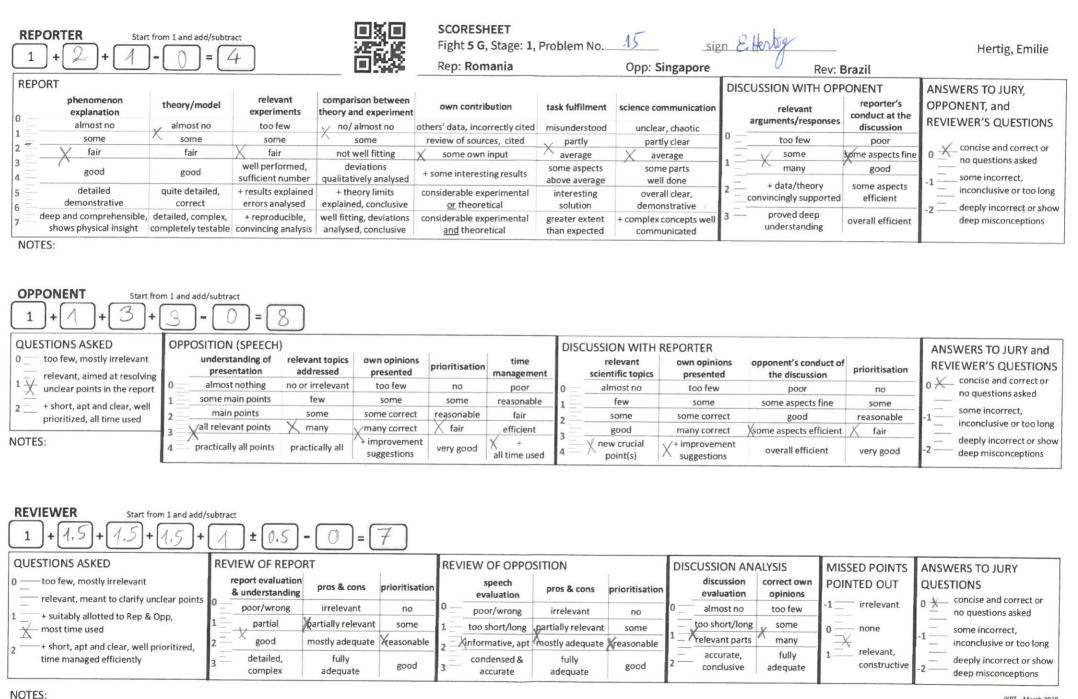
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Please, suitab	oly adjust your grades	taking into regard th	e [1,10] range.	T '0V	present	ortion		/ /	-J. O. May	

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		4.) 0		Rep: Brazil		Opp: Romania	F	ev: Singapore	•
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH relevant arguments/response	reporter's	ANSWERS TO JURY, OPPONENT, and
1 almost no	almost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	0	discussion	REVIEWER'S QUESTIONS
2 some	some	fair	some not well fitting	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
3 =		well performed,	deviations	some own input	average	average	1some	some aspects fine	no questions asked
4 good	good	sufficient number	qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many	good	some incorrect,
6 detailed demonstrative	quite de tailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative	+ data/theor	y some aspects orted efficient	inconclusive or too long deeply incorrect or show
deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	3 — proved deep understandin	overall efficient	deep misconceptions
OPPONENT Start 1 + 2 + 2 + 2 +	1,	more makeral nore makeral north, magnicularitanic of D = 7	1 1	ALC: MINA	iving ago	motored for	t dekn nech Von good defen portoning uni	view momenta to experient and the against mo	A of lly ggestrón of agnets
QUESTIONS ASKED 0 too few, mostly irrelevant relevant, aimed at resolvin unclear points in the repor + short, apt and clear, well prioritized, all time used	prese t o almost some m main	tanding of relevant address to nothing no or in ain points fee	nt topics own opinion presented relevant too few too me some correct many correct opy	no poor reasonable fair	re scient 0 aln 1 2 5	DN WITH REPORTER levant own opini present nost no too fev few some come some corr cod many corr	poor some aspects leet good	no no ine some rea@nable	ANSWERS TO JURY and REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long
NOTES: could be a hing			+ improvement suggestions	very good all time use	new	crucial + improver pint(s) suggestion	nent overall efficie	nt very good	-2 — deeply incorrect or show deep misconceptions
find more on exp	a M	mortaial		most coneral pois	N	inpail of "	elming" fiel	4	
REVIEWER Start fr 1 + 2 + 1.5° +	om 1 and add/subtrac	€ 0.25 -	3 = 7	comera 240 fps.	about	7 sec dala co	llechon		
QUESTIONS ASKED	REV	IEW OF REPORT		REVIEW OF OPPOS	ITION	DISCUSS	ION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too few, mostly irrelevant		report evaluation	pros & cons prioritisa	speech speech	pros & cons p	disc	cussion correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify u	nclear points 0	& understanding		evaluation	pros accons p		luation opinions		0 concise and correct or
1 + suitably allotted to Rep &	Opp,	poor/wrong	irrelevant no	poor/wrong	irrelevant		ost no too few	irrelevant	no questions asked
— most time used	0		rtially relevant some	too shortylong	-	1 7	Ort/long some	0 none	some incorrect,
2 -+ short, apt and clear, well p			ostly adequate reasona	informative, apt r	nostvadequate		ant parts many	relevant,	inconclusive or too long
time managed efficiently	3 -	detailed, complex	fully good	condensed & accurate	fully adequate		urate, fully clusive adequate	constructive	-2 — deeply incorrect or show deep misconceptions
NOTES:	ati	1 shallow	. 0						IVDT - March 2010
			De course	1 11 11	P - 1	3 %.			IYPT – March 2019
	on	s, and	1 1	. dts calles	metron	in shall no	1 pril 1	200	
Please, suitably adjust your grades t	taking into regard th	e [1,10] range.	straining de	! H's called in rod really	elevans	porom	le varstin		





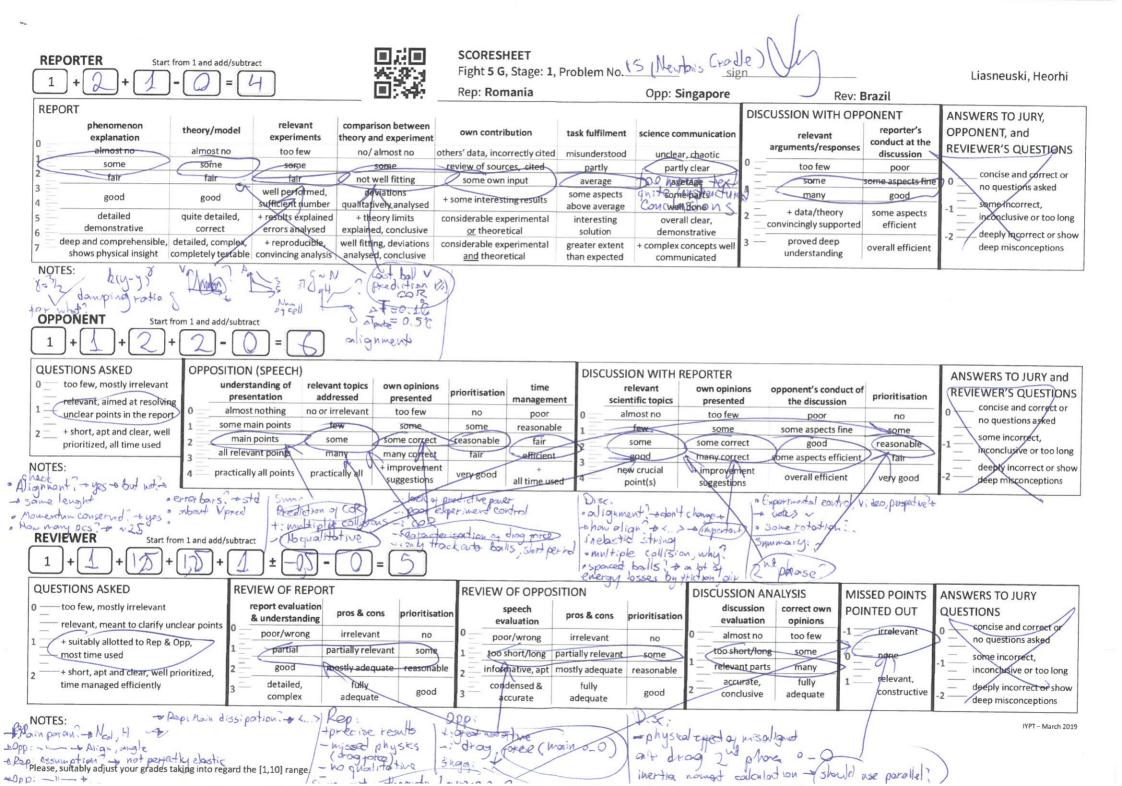




REPORTER Start	from 1 and add/subtra	act		SCORESHEET Fight 5 G, Stage: 1,	Problem No	15 sig	n Slass		Lasser, Jana
1 + 1 + 1	- [3.5] = [3.6] -	3	画料	Rep: Romania		Opp: Singapore	Rev: I	Brazil	
REPORT							DISCUSSION WITH OPE	PONENT	ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment		task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
almost no some	almost no	too few	no/almost no some	review of sources, cited	misunderstood partly	unclear chaotic	0to few	discussion poor	
2 fair	some	fair	not well fitting	some own input	average	average	some	some aspects fine	o concise and correct or
3 good	good	well performed,	deviations	+ some interesting results	some aspects	some parts	1 many	good	no questions asked
4 — detailed	quite detailed,	+ results explained	qualitatively analysed + theory limits	considerable experimental	above average	well done	2 — + data/theory	some aspects	-1 some incorrect, inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	interesting solution	overall clear, demonstrative	convincingly supported	efficient	deeply incorrect or show
deep and comprehensible, shows physical insight	The state of the s	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	3 — proved deep understanding	overall efficient	deep misconceptions
NOTES: vides: me forces? Energ? OPPONENT Start 1 + 1.5 + 3.	droin A brown cleor from 1 and add/subtra	ind very well controlled at	devalors not explained) /	no makral no alignine	Change A Change			
QUESTIONS ASKED 1 too few, mostly irrelevant relevant, aimed at resolvin unclear points in the repor + short, apt and clear, well prioritized, all time used NOTES:	prese almost some m main all releva	anding of relevan addition nothing no or in ain points points so ant points my all points practi	nt topics own opinion presented relevant too few some some correct many correct suggestions	no poor reasonable fair efficient veggood all time use	respect respectively.	con WITH REPORTER con opinit presente nost no too few few some some corre good many corre y crucial + improven suggestion	the discussion poor some aspects fine ect good ect some aspects efficient nent ns over@efficient	no some reasonable t very good	ANSWERS TO JURY and REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
Alugnment 7 -> by Enopystion: alignment REVIEWER 1755 1 + 1.5 + 285 +	Λ ()	wooder plake	D= 8	very god tould by	rithium A points are oliser	: could have about exp. med sleviator	discinsed theory, also always on between	y a bid own m red. ond	more ggerhins exp.
QUESTIONS ASKED 1 too few, mostly irrelevant relevant, meant to clarify u + suitably allotted to Rep & most time used 2 + short, apt and clear, well time managed efficiently	nclear points 0 1 1 1 2 2 2 2 3 3		pros & cons prioritis irrelevant no artially relevant som ostly adequate reasons folly adequate	REVIEW OF OPPOS speech evaluation 0 poor/wrong too short/long able d condensed & accurate	pros & cons pros & cons pros & cons pros & cons	DISCUSSI disc eval no some reasonable DISCUSSI disc eval releval acd	ION ANALYSIS MI	SSED POINTS INTED OUT irrelevant none	ANSWERS TO JURY QUESTIONS Concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
NOTES: Cours of of			(8, 2, 8, 5	(5)				Cleared	up port about

Please, suitably adjust your grades taking into regard the [1,10] range.

Cleared up point about or drang



	from 1 and add/subtra	ct	Big B lossa v	SCORESHEET Fight 5 G, Stage: 1,	Problem No.	15. Xg	glast Wasse	lecuin	Waszkiewicz, Radost
1+2+1	-0 = 6	f		Rep: Romania		Opp: Singapore	Rev:	Brazil	waszkiewicz, Radost
REPORT							DISCUSSION WITH OP		ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant	reporter's	OPPONENT, and
almost no	aknost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/responses	s conduct at the discussion	REVIEWER'S QUESTIONS
2 some	some	some	some	review of sources, cited	pertly	partly clear	0 too few	poor	concise and correct or
fair	fair	fair well performed,	not well litting deviations	søme own input	average	average	1 some	some aspects fine	no questions asked
4 good	good	sufficient number	qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many	good	some incorrect,
5 detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits	considerable experimental	interesting	overall clear,	2 + data/theory convincingly supported	some aspects efficient	inconclusive or too long
deep and comprehensible,		+ reproducible,	explained, conclusive well fitting, deviations	or theoretical considerable experimental	solution greater extent	+ complex concepts well	3 — proved deep	overall efficient	-2 deeply incorrect or show
	completely testable	convincing analysis	analysed, conclusive	and theoretical	than expected	communicated	understanding	overall efficient	deep misconceptions
NOTES: - very Little predictive joquer of model. - difficult to engage with in discussion. OPPONENT Start from 1 and add/subtract									
1+4+25+	17-0	5=55	→5						
QUESTIONS ASKED	OPPOSITION	(SPEECH)			DISCUSSIO	N WITH REPORTER			
0 too few, mostly irrelevant			t topics own opinion	s time		levant own opinio	ons opponent's conduct of	of	ANSWERS TO JURY and
relevant, aimed at resolving			essed presented	prioritisation manageme		ific topics presente	Character Section Section (SEC) in the contraction of the contraction	prioritisation	REVIEWER'S QUESTIONS concise and correct or
unclear points in the report	0 almost			no poor some reasonable		nost no too few		no	no questions asked
2 — + short, apt and clear, well prioritized, all time used		points soi				few some corre	some aspects fine good	reas@nable	some incorrect,
	all releva	nt points ma	ny many correct			good many corre			inconclusive or too long
NOTES:	4 = practically	all points practic	ally all + improvement suggestions	very good all time use	. 1	crucial + improvement(s) suggestion	Overall efficient	very good	-2 — deeply incorrect or show deep misconceptions
- States o	wn 5	olution	instell	- of rele	tines	L Le 1000	70" -	C 170601	den?
REVIEWER Start from	Jht u	P mis	BING P	oints.	\$ 1	to Moort	ndut dis	e recor	
Start fro	om 1 and add/subtract			O ,	tan	5 to CO	nochul exis	CUSS01	h
1 + 1 + 1 +	1+10.5	J± (2) - 1	0 = 9,5	75	,				
QUESTIONS ASKED	REV	EW OF REPORT		REVIEW OF OPPOSI	ITION	DISCUSSI	ON ANALYSIS MI	ISSED POINTS	ANSWERS TO HERY
0 — too few, mostly irrelevant	, n	port evaluation	aros 8 coms	speech	(C. C. C	disci		DINTED OUT	ANSWERS TO JURY QUESTIONS
relevant, meant to clarify ur	nclear points 0	understanding	pros & cons prioritisa	evaluation	pros & cons p	rioritisation eval	uation opinions		concise and correct or
1 + suitably allotted to Rep &		poor/wrong	irrelevant no	poor/wrong	irrelevant	110	st no too iew	irrelevant	no questions asked
most time used	1 =-	X	rtially relevant some	, too short/long p		1 -	ort/long some 0	none	some incorrect,
2+ short, apt and clear, well p	prioritized,	3	ostry adequate reasona		nostly adequate	easurable	nt parts many urate, fully 1	relevant,	inconclusive or too long
time managed efficiently	3	detailed, complex	fully adequate good	3 condensed & accurate	fully adequate		lusive adequate	constructive	2 — deeply incorrect or show deep misconceptions
NOTES: Fein Please, suitably adjust your grades to	Sen aking into regard the		opp.		2	hot dis	sipation.		IYPT – March 2019