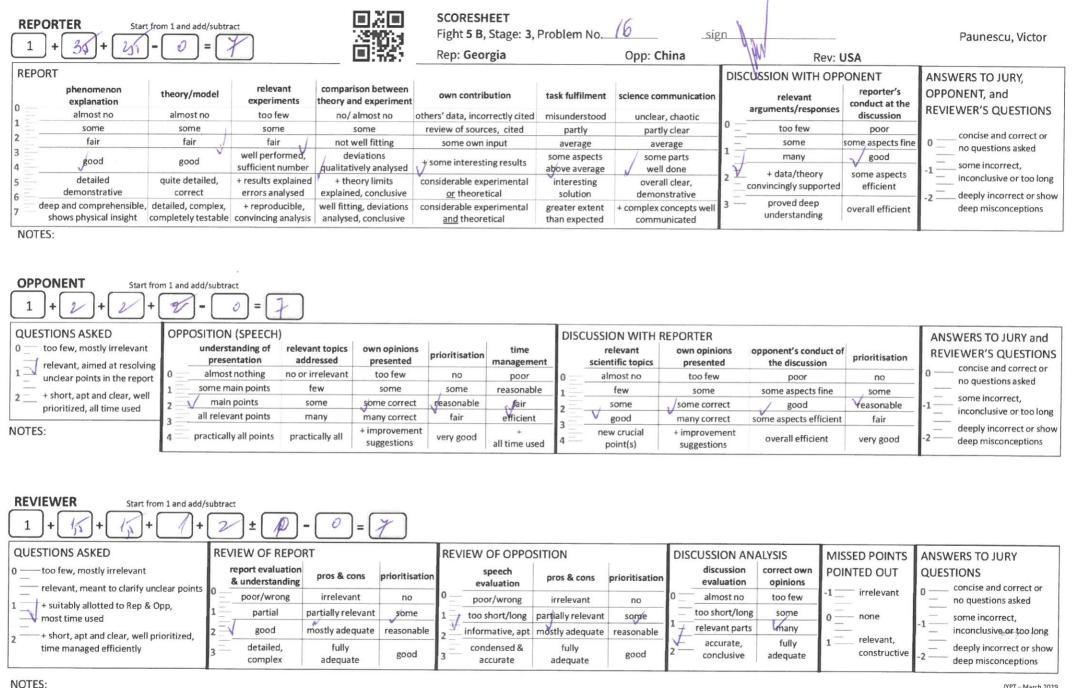
REPORTER Start f	from 1 and add/subtra	Lazar Osmano		SCORESHEET Fight 5 B, Stage: 3, Rep: Georgia	Problem No	Opp: China	Re Jenn		Jennings, Gavin
NOTES: Clear vid different ge	completely testable con demo	relevant experiments too few some fair well performed, sufficient number + results explained errors analysed + reproducible, convincing analysis	comparison between theory and experiment no/almost no some not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations analysed, conclusive	others' data, incorrectly cited review of sources, cited some own input + some interesting results considerable experimental or theoretical considerable experimental and theoretical	partly average some aspects above average interesting solution greater extent than expected	science communication unclear, chaotic partly clear average some parts well done overall clear, demonstrative + complex concepts well communicated Naturally & & & & & & & & & & & & & & & & & &	DISCUSSION WITH (relevant arguments/resport) too few some many too few some convincingly support proved deep understanding	reporter's conduct at the discussion poor some aspects fine good some aspects efficient overall efficient	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
QUESTIONS ASKED O too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritized, all time used NOTES:	prese almost some m main all relev practical	(SPEECH) tanding of relevantation addit nothing no or in ain points for ant points my all points practi	The some own opinion presented relevant too few some some correct any many correct suggestions Finds a loop white too and the correct suggestions Finds a loop white too and the correct suggestions	no poor reasonable fair efficient very good all time use to the control of the co	reent scient 0 alr 1 2 3 nev ed 4 pr	ON WITH REPORTER clevant tific topics most no few some some some corr good many corr n v crucial oint(s) Shara i deacs	the discussion poor some aspects file ect good some aspects effice ect overall efficient	no ne some reasonable cient fair t very good	ANSWERS TO JURY and REVIEWER'S QUESTIONS 1
QUESTIONS ASKED 1 — too few, mostly irrelevant — relevant, meant to clarify u 1 — + suitably allotted to Rep & — most time used 2 — + short, apt and clear, well time managed efficiently NOTES: Route	opp,	good m detailed, complex	pros & cons prioritis irrelevant no artially relevant som fostly adequate reason fully adequate goo	evaluation poor/wrong too short/long able condensed & accurate	pros & cons irrelevant partially relevant mostly adequate fully adequate	no disceva no too sh reasonable disceva eva too sh reasonable according to the short of the s	ION ANALYSIS cussion correct own opinions toost no too few nort/long some many clurate, clusive adequate	MISSED POINTS POINTED OUT -1 irrelevant 0 none 1 relevant, constructive	ANSWERS TO JURY QUESTIONS 0 concise and correct or

REPOR	TER Start	from 1 and add/subtra	act		SCORESHEET Fight 5 B, Stage: 3,	Problem No.	16si	m M.C		Charle Michael
1 +	3,75 + 2.5	- 0 =	7		Rep: Georgia	riobielli No	Opp: China	1	ev: USA	Steck, Michael
REPORT	6							DISCUSSION WITH		ANSWERS TO JURY,
	phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	science communication	relevant	reporter's	OPPONENT, and
0	explanation almost no	almost no	experiments too few	theory and experiment no/almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respo	onses conduct at the discussion	REVIEWER'S QUESTIONS
1	some	some	some	some	review of sources, city	partly	partly clear	0too few	poor	concise and correct or
2	fair	fair	() fair	not well fitting	some own input	average	average	some	some aspects fine	no questions asked
3	good	good	well performed, Officient number	deviations	+ some interesting results	some aspects	some parts	many	good	some incorrect,
5 = -	detailed	Quite detailed,	+ results explained	+ theory limits	considerable experimental	alove average interesting	overall clear,	2 — c+ data/theor		inconclusive or too long
6	demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	convincingly supp	orted 6 efficient	-2 deeply incorrect or show
7	and comprehensible, ows physical insight	detailed, complex, completely testable	+ reproducible,	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent	+ complex concepts well	3 — proved deep understanding	overall efficient	deep misconceptions
NOTES:		1	CONVINCING ANALYSIS	analyseu, conclusive	and theoretical	than expected	communicated	L /	2 0	
		added man	exp. setup	limited by		no phane		in discussi	•	
allach	ed wan to	an umphons	yes vice ,	experiment		plot reall	7	in discussi	on	
OPPON		from 1 and add/subtra	explained		it is	~ china		then in rep	1054	
				Doub and				see banic	or len d	rawbadu found, but be mer als USA? opinion
1 +	1.25 + 2.5	+ 2.5 - 0	= 7'	, phase plate	is real - warn	t good at	china either	explanation	n micht L	mer ale USA ? own
OUESTIC	ONS ASKED	OPPOSITION	(SPEECH)			DISCUSSIO	ON WITH REPORTER	CAP.O		ANSWERS TO JURY and
Company of the Compan	few, mostly irrelevant			nt topics own opinior	is time	10.000	elevant own opin	ions opponent's cond	uct of	REVIEWER'S QUESTIONS
_ rele	evant, aimed at resolvir	ng prese	ntation add	ressed presented	prioritisation manageme	and the second s	tific topics present		pripritication	concise and correct or
1 - unc	lear points in the repo	rt 0almost		relevant too few	no poor		most no too fee		no	no questions asked
2 + sh	ort, apt and clear, wel			ew some	some reasonable		few some	some aspects	G o	some incorrect,
pric	oritized, all time used	-		any correct			good some cor		reasonable fair	inconclusive or too long
NOTES:		3		+ improveme	ent +	3	w crucial + improve	ment		deeply incorrect or show
	most points	4 practical	y all points practi	cally all suggestions	very good all time use	4	oint(s) Suggesti	Overall efficie	nt very good	deep misconceptions
	sould have			9.157	could		wice !	irsh could ha		1
		3			not		point			
REVIEW	shed as well	N. T. AND DESCRIPTION OF THE PROPERTY OF THE P	1		-Juas	a:()	rent w		could have	
KEVIEW	Start	rom 1 and add/subtrac					not a		were not	9:20
1+	1+1.5	+ 1.5 + 1.2	S ± 0 -	0 = 6	sit sty had a source brain	lapse in	7.	more	soing any	where
QUESTIC	NS ASKED	RE\	IEW OF REPORT		REVIEW OF OPPOS	SITION	DISCUSS	SION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0too	few, mostly irrelevant		report evaluation	pros & cons prioritis	speech	pros & cons	princitication	cussion correct own	POINTED OUT	QUESTIONS
- rele	vant, meant to clarify (unclear points 0	& understanding	,	evaluation	pros & cons		duation opinions	-1 irrelevant	0 — concise and correct or
1 (n) + su	itably allotted to Rep 8	& Opp,	poor/wrong	irrelevant no	7	irrelevant	110	nost no too few		no questions asked
mos	st time used		-	artially relevant som	1 100 511014	partiallyrelevant	1	hort/long some many	0 none	some incorrect,
2+ sh	ort, apt and clear, well	prioritized, 2	/	ostly dequate eson	4-	1	Tedoritable	curate, fully	1 relevant,	inconclusive or too long
time	e managed efficiently	3 —	detailed, complex	fulfy adequate goo	d 3 condensed &	fully adequate		nclusive adequate	constructive	-2 deeply incorrect or show deep misconceptions
NOTES:				God to	SIN SIN	Mur	2			IYPT – March 2019
		not r	WORK &	existe /	out again	7				
		don	/	Vell lass	agai.	,				
Please, suita	ably adjust your grades			MEIN CONTROL	wan nordly do	me				

REPORTER Start fr 1 + 4.6 + 2.4 -	om 1 and add/subi	ract	回 計画 ※22823 回 3483	SCORESHEET Fight 5 B, Stage: 3 Rep: Georgia	, Problem No	Opp: China	sign	Rev	- Ro	odríguez Sánchez, Javier
REPORT phenomenon explanation almost no some fair good demonstrative deep and comprehensible, complete shows physical insight			some not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations	own contribution others' data, incorrectly cite review of sources, cited some own input + some interesting results considerable experimental or theoretical considerable experimental and theoretical	task fulfilment d misunderstood partly average some aspects above average interesting solution greater extent than expected	science commu unclear, cha partly cle average some par well don overall cle demonstra	arg octic arg oc	relevant uments/response too few some many + data/theory vincingly supporte proved deep understanding	reporter's conduct at the discussion poor some aspects fine good some aspects	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
OPPONENT Start for 1 + (3 + 76 + QUESTIONS ASKED too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritized, all time used	under pre: 0 almo 1 some 2 ma	N (SPEECH) standling of sentation add strothing no or main points in points s	int topics own opinion presented irrelevant too few few some ome some correct many correct	no poor	nent 0 scien ble 1 2 ×	ntific topics most no few some s	wn opinions opposented too few some some some some some some some some	ponent's conduct the discussion poor some aspects fine good me aspects efficie	no some reasonable	ANSWERS TO JURY and REVIEWER'S QUESTIONS 0 concise and correct or no questions asked some incorrect, inconclusive or too long
REVIEWER 1 + (, 3 + (, §) + QUESTIONS ASKED 0 — too few, mostly irrelevant	om 1 and add/subtr		+ improveme suggestions = 7 T pros & cons prioritis	REVIEW OF OPPO	osed 4 p	point(s)	improvement suggestions ISCUSSION ANA discussion evaluation		very good AISSED POINTS OINTED OUT	deeply incorrect or show deep misconceptions ANSWERS TO JURY QUESTIONS
relevant, meant to clarify ur + suitably allotted to Rep & most time used + short, apt and clear, well p time managed efficiently	Opp, 1	poor/wrong partial p	irrelevant no partially relevant som mostly adequate reason fully adequate goo	e 1 too short/long		no 0 some 1 good 2	almost no too short/long relevant parts accurate, conclusive	too few	irrelevant none relevant, constructive	o concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions

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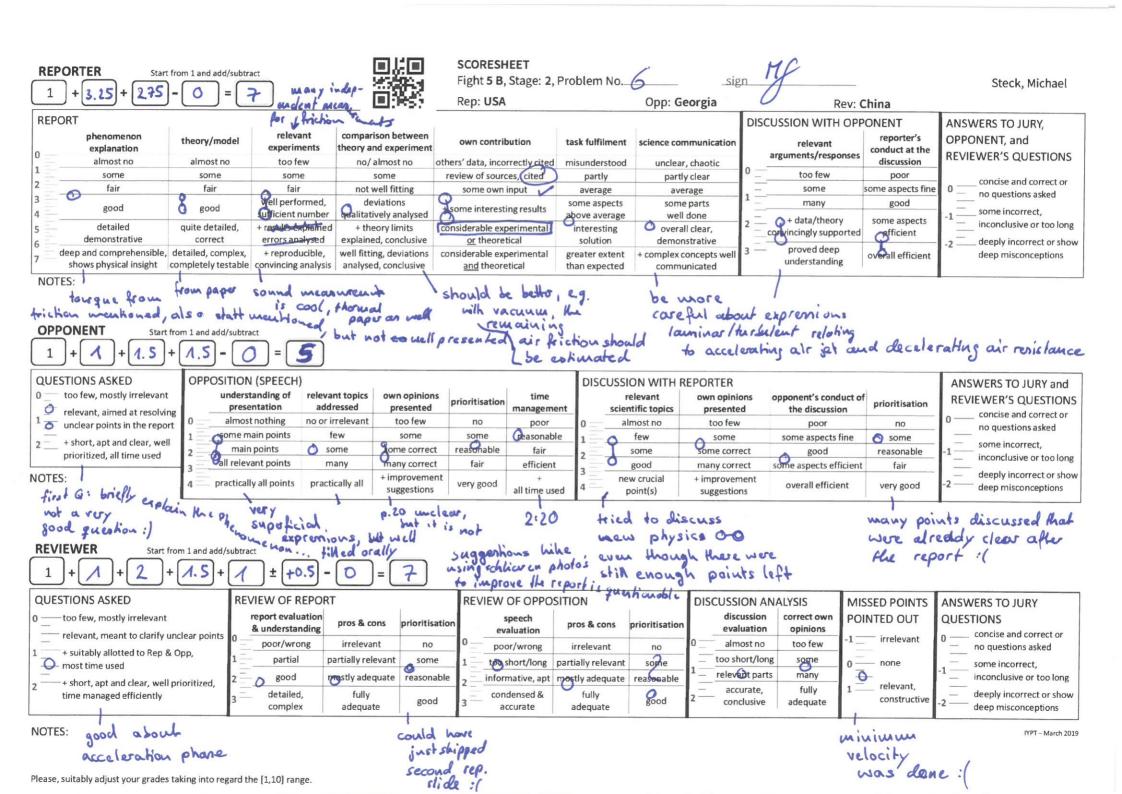
NOTES:



Simley Bulles **SCORESHEET** REPORTER Start from 1 and add/subtract Fight 5 B. Stage: 3, Problem No. Chattrapiban, Narupon Rep: Georgia Opp: China Rev: USA REPORT DISCUSSION WITH OPPONENT ANSWERS TO JURY. relevant comparison between phenomenon theory/model reporter's OPPONENT, and own contribution task fulfilment science communication relevant explanation experiments theory and experiment conduct at the arguments/responses REVIEWER'S QUESTIONS almost no almost no too few no/almost no others' data, incorrectly cited discussion misunderstood unclear, chaotic some some some some review of sources, cited too few concise and correct or partly partly clear poor fair fair fair not well fitting some own input some > some aspects fine average average no guestions asked well performed, deviations some aspects. some parts many good good good + some interesting results some incorrect. sufficient number qualitatively analysed above average well done + data/theory some aspects detailed + results explained inconclusive or too long quite detailed. + theory limits considerable experimental interesting overall clear. convincingly supported efficient demonstrative correct errors analysed explained, conclusive or theoretical solution demonstrative deeply incorrect or show deep and comprehensible, detailed, complex, proved deep + reproducible, well fitting, deviations considerable experimental greater extent + complex concepts well overall efficient deep misconceptions shows physical insight completely testable convincing analysis understanding analysed, conclusive and theoretical than expected communicated NOTES: **OPPONENT** Start from 1 and add/subtract QUESTIONS ASKED OPPOSITION (SPEECH) DISCUSSION WITH REPORTER ANSWERS TO JURY and relevant topics too few, mostly irrelevant understanding of own opinions time relevant own opinions opponent's conduct of REVIEWER'S QUESTIONS prioritisation prioritisation presentation addressed presented management scientific topics presented the discussion relevant, aimed at resolving concise and correct or almost nothing no or irrelevant too few no almost no unclear points in the report poor too few poor no no questions asked some main points few some some reasonable few some some aspects fine some + short, apt and clear, well some incorrect. main points some some correct reasonable fair some some correct good reasonable prioritized, all time used inconclusive or too long all relevant points many many correct efficien good many correct some aspects efficient fair NOTES: Rudine deeply incorrect or show + improvement new crucial + improvement practically all points practically all very good overall efficient very good Added was restriction deep misconceptions suggestions all time used point(s) suggestions Signed types otech **REVIEWER** Start from 1 and add/subtract QUESTIONS ASKED REVIEW OF REPORT **REVIEW OF OPPOSITION** DISCUSSION ANALYSIS MISSED POINTS ANSWERS TO JURY report evaluation too few, mostly irrelevant discussion correct own POINTED OUT speech QUESTIONS pros & cons prioritisation pros & cons prioritisation & understanding evaluation opinions evaluation relevant, meant to clarify unclear points concise and correct or irrelevant poor/wrong irrelevant no almost no too few poor/wrong irrelevant no questions asked + suitably allotted to Rep & Opp, partial partially relevant too short/long some too short/long partially relevant some most time used some some incorrect. many relevant parts good mostly adequate reasonable informative, apt | mostly adequate | reasonable inconclusive or too long + short, apt and clear, well prioritized, relevant, accurate. fully condensed & time managed efficiently detailed. fully fully deeply incorrect or show good constructive good conclusive adequate complex adequate accurate adequate deep misconceptions IYPT - March 2019

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

REPORTER Start 1 + 4 + 5 + 2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	from 1 and add/subtra	Ryan Baggett		SCORESHEET Fight 5 B, Stage: 2, Rep: USA	Problem No	Opp: Georgia	en & Ten	ev: China	Jennings, Gavin
REPORT		- 30					DISCUSSION WITH		ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		reporter's	OPPONENT, and REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0 —	discussion	REVIEWER 3 QUESTIONS
some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
a fair	fair	fair well performed,	not well fitting deviations	some 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 many	good	some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	2 + data/theory convincingly support		inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative		rtedemcient	-2 deeply incorrect or show
7 deep and comprehensible, shows physical insight		+ reproducible,	well fitting, deviations	considerable experimental	greater extent	+ complex concepts well	3 — proved deep understanding	overall efficient	deep misconceptions
NOTES		1 1 1	analysed, conclusive	and theoretical	than expected	communicated			
Some novel pract	from 1 and add/subtra		Zurasi Ugulava	and prac with	Juciesso H	we amoention	. Finishes sur	msingly after	" mine,
QUESTIONS ASKED 1 too few, mostly irrelevant relevant, aimed at resolvin unclear points in the repor 2 + short, apt and clear, well prioritized, all time used NOTES: Poor choice Clear he	prese o almost some m main all releva	anding of relevant addr. nothing no or in ain points for points and points y all points practice.	nt topics own opinion presented too few some correct many correct improvements suggestions	no poor some reasonable t reasonable fair t fair efficient nt very good all time use	e 1 seed 4 po	DN WITH REPORTER levant own opin present nost no too fer few some come some cor good many cor v crucial + improve suggestion	w poor some aspects f rect good rect some aspects effi ment overall efficiences	no no no no no reasonable cient fair	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
REVIEWER Start f	rom 1 and add/subtrac	2.6	0=8	Guangu Zhin					
QUESTIONS ASKED	REV	IEW OF REPORT		REVIEW OF OPPOS	SITION	DISCUSS	SION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrelevant		report evaluation		speech		dis	cussion correct own	POINTED OUT	QUESTIONS
relevant, meant to clarify u	nclear points o	& understanding	pros & cons prioritis	evaluation	pros & cons	orioritisation eva	aluation opinions		n concise and correct or
1 + suitably allotted to Rep 8	_	poor/wrong	irrelevant no	0 — poor/wrong	irrelevant	no 0alr	nost no too few	-1 irrelevant	no questions asked
most time used	1 =	partial pa	rtially relevant som	e 1 too short/long	partially relevant	some too s	hort/long some	0 none	some incorrect,
	prioritized 2 =	good m	ostly adequate reason	able _ informative, apt	mostly adequate	reasonable	ant parts many	=	inconclusive or too long
time managed efficiently	3=	detailed, complex	fully good	d condensed & accurate	fully adequate		curate, fully adequate	1 relevant, constructive	-2 deeply incorrect or show deep misconceptions
NOTES: Time we his view	ll wed.	Prioritice	el parts of	l review w	ell. Kno	ws the con	epts and ab	6 to explain	NPT – March 2019



REP	ORTER Start	from 1 and add/subtr	ract	E 22/37	SCORES			6		14		
1			7		Fight 5 E	3 , Stage: 2 , I	Problem No.	6	_sig	n 71	R	odríguez Sánchez, Javier
]+[3.4]+[2.4]	-[0]=[<u>T</u> ,		Rep: US	A		Opp: G	eorgia	R	ev: China	
REPO	ORT					-	**	,		DISCUSSION WITH	OPPONENT	ANSWERS TO JURY.
0 -	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contr	ribution	task fulfilment	science con	nmunication	relevant arguments/respo	reporter's	OPPONENT, and
1	almost no	almost no	too few	no/ almost no	others' data, inc	correctly cited	misunderstood	unclear	, chaotic	arguments/respo	discussion	REVIEWER'S QUESTIONS
2	some	some	some	some	review of sou	rces, cited	partly	parti	y clear	too few	poor	concise and correct or
3 -	fair	fair	fair	not well fitting	some owi	n input	average	ave	rage	_ some	some aspects fine	no questions asked
4	good	∉ good	well performed, sufficient number	 deviations qualitatively analysed 	+ some interes	sting results	some aspects above average		parts done	many + data/theory	good some aspects	some incorrect,
5	detailed	quite detailed,	+ results explained		considerable e		interesting	overal	l clear,	convincingly suppo		inconclusive or too long
6	demonstrative	correct	errors analysed	explained, conclusive	or theor		solution		strative	3 — proved deep		-2 deeply incorrect or show
7	deep and comprehensible, shows physical insight		+ reproducible,	well fitting, deviations analysed, conclusive	considerable ex	STATISTICS OF CONTRACTOR OF THE	greater extent than expected		oncepts well inicated	understanding	overall efficient	deep misconceptions
OPP 1	TONENT Start + 0.7 + (.4)	from 1 and add/subtra + 1.3 - 0.	$\frac{1}{2}$ = $\frac{1}{4}$	ou -Lanitrer	mans Ka	~) v	Discuss					
0_	too few, mostly irrelevant	underst	tanding of releva	ent topics own opinion	s prioritisation	time		ION WITH R	ePOKTEK own opinio	ons opponent's cond	uct of	ANSWERS TO JURY and REVIEWER'S QUESTIONS
1 *4	relevant, aimed at resolvin	g II	OF 2007/91	ressed presented		managemei		ntific topics	presente	d the discussion	n prioritisation	concise and correct or
-	unclear points in the repor			rrelevant too few	no	poor		lmost no	, too few	poor	no	no questions asked
2 -	+ short, apt and clear, well	- X		ew some	some	reasonable	1 ×	few	some	, some aspects fi	ne some	some incorrect.
	prioritized, all time used	-		ome some correct		4	2	some	some corre	ect good	, reasonable	inconclusive or too long
NOTES	•.	3 3	rant points in	nany many correct		efficient	3	good	many corre		cient fair	deeply incorrect or show
		4 — practical	ly all points pract	ically all + improvement suggestions	Very good	all time use	. 1	ew crucial point(s)	+ improvem suggestion	OVERALL Efficier	nt very good	deep misconceptions
9,4	=527											
DEV/	EWED											
1	EWER Start fr	rom 1 and add/subtraction $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	±	0 = 7								
QUES	STIONS ASKED	REV	VIEW OF REPORT	Г	REVIEW	OF OPPOSI	ITION		DISCUSSI	ON ANALYSIS	MICCED DOINTS	ANGWERS TO HIRV
						01 011 031					IVIINATED PERIOD I	I ANSWERS IO INDV
_	too few, mostly irrelevant		report evaluation	pros & cons prioritisa	ation	speech	pros & cons	prioritisation	disci	ussion correct own	MISSED POINTS POINTED OUT	ANSWERS TO JURY QUESTIONS
_		nclear points 0			ation			prioritisation no	disci evali			90 C C C C C C C C C C C C C C C C C C C

too short/long partially relevant

condensed &

accurate

informative, apt | mostly adequate | reasonable

fully

adequate

too short/long

conclusive

× relevant parts

accurate,

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many

fully

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relevant,

constructive

国法国

SCORESHEET

NOTES:

most time used

time managed efficiently

some incorrect,

inconclusive or too long

deeply incorrect or show

deep misconceptions

+ short, apt and clear, well prioritized,

partial

good

detailed,

complex

partially relevant

fully

adequate

mostly adequate - reasonable

some

good

REPORTER Start	from 1 and add/subtr	act	回说回	SCORESHEET		1		No.		
		act	744473	Fight 5 B, Stage: 2,	Problem No	6	sign	NW.		Paunescu, Victor
1+35+45	- 3 = 2			Rep: USA		Opp: Georgia		Re	ev: China	,
REPORT							DISC	USSION WITH	OPPONENT	ANSWERS TO JURY,
phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	science communica			reporter's	OPPONENT, and
0 explanation		experiments	theory and experiment					relevant arguments/respon	nses conduct at the	REVIEWER'S QUESTIONS
almost no some	almost no	too few		others' data, incorrectly cited	misunderstood	unclear, chaotic	0 —		discussion	REVIEWER'S QUESTIONS
2 fair	some	some	some not well fitting	review of sources, cited	partly	partly clear		too few some	poor	o concise and correct or
3 —		well performed,	deviations	some own input	some aspects	average some parts	1	many	some aspects fine	no questions asked
4 good	good	sufficient number	qualitatively analysed	+ some interesting results	above average	well done				some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	2	+ data/theory convincingly suppo		inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative			- CHICIEIT	-2 deeply incorrect or show
7 deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations	considerable experimental	greater extent	+ complex concepts	well 3 —	proved deep understanding	overall efficient	deep misconceptions
NOTES:	completely testable	CONVINCING ANALYSIS	analysed, conclusive	and theoretical	than expected	communicated		arradi stariding		
OPPONENT 1 + 2 + 0 - 1 QUESTIONS ASKED 1 too few, mostly irrelevant relevant, aimed at resolvin unclear points in the report to the report	prese almost some m main all releva	I (SPEECH) tanding of relevar address that too thing no or interest points for a points so	nt topics essed presented relevant too few some some correct any many correct suggestions	no poor some reasonable t reasonable fair t fair efficient nt very good	re scient 0 aln e 1 2	tific topics pre most no to few some some good many v crucial + impi		opponent's conducted discussion poor some aspects fit good some aspects effice	n prioritisation no ne some reasonable /	ANSWERS TO JURY and REVIEWER'S QUESTIONS 0 — concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
REVIEWER Start for 1 + 4 5 + 4		± 0 - /IEW OF REPORT report evaluation	pros & cons prioritis	REVIEW OF OPPOS		DISC	USSION At	correct own	MISSED POINTS POINTED OUT	ANSWERS TO JURY QUESTIONS
relevant, meant to clarify u	nclear points 0	& understanding	irralaant	evaluation			evaluation	opinions	-1 irrelevant	0 concise and correct or
1 + suitably allotted to Rep &	Opp,	poor/wrong	irrelevant no	poor/wrong	irrelevant	no U	almost no	too few		no questions asked
most time used	1'=	V	rtially relevant some	too shortylong	partially relevant	301116	oo short/lon		0 none	some incorrect,
+ short, apt and clear, well	prioritized, 2	y good m	ostly adequate reasona	able 2informative, apt r	mostly adequate	reasonable	relevant parts	3/	relevant,	inconclusive or too long
time managed efficiently	3	detailed,	fully good	condensed &	fully	good 2	accurate, conclusive	fully	constructive	deeply incorrect or show
		complex	adequate	3 accurate	adequate	8000	conclusive	adequate		deep misconceptions
NOTES:										IYPT - March 2019

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Harricans Bulls **SCORESHEET** REPORTER Start from 1 and add/subtract Fight 5 B, Stage: 2, Problem No. Chattrapiban, Narupon 272 2 Rep: USA Opp: Georgia Rev: China REPORT DISCUSSION WITH OPPONENT ANSWERS TO JURY. comparison between relevant phenomenon reporter's theory/model OPPONENT, and own contribution task fulfilment science communication relevant experiments explanation theory and experiment conduct at the arguments/responses REVIEWER'S QUESTIONS almost no almost no too few no/almost no others' data, incorrectly cited discussion misunderstood unclear, chaotic some some some some review of sources, cited too few partly partly clear poor concise and correct or fair fair not well fitting some own input some some aspects fine average average no questions asked well performed. deviations some aspects some parts many good good 2000 + some interesting results sufficient number qualitatively analysed some incorrect. above average well done + data/theory some aspects inconclusive or too long detailed quite detailed. + results explained + theory limits considerable experimental interesting overall clear, convincingly supported efficient demonstrative correct errors analysed explained, conclusive or theoretical solution demonstrative deeply incorrect or show deep and comprehensible, detailed, complex, proved deep + reproducible. well fitting, deviations considerable experimental greater extent/ + complex concepts wel overall efficient deep misconceptions shows physical insight completely testable convincing analysis analysed, conclusive understanding and theoretical than expected communicated NOTES: Vacuus Control **OPPONENT** Start from 1 and add/subtract 0.5 Show QUESTIONS ASKED OPPOSITION (SPEECH) DISCUSSION WITH REPORTER ANSWERS TO JURY and too few, mostly irrelevant relevant topics understanding of own opinions time relevant own opinions opponent's conduct of **REVIEWER'S QUESTIONS** prioritisation prioritisation presentation addressed presented management scientific topics presented the discussion relevant, aimed at resolving concise and correct or almost nothing no or irrelevant too few no unclear points in the report poor almost no too few poor no no questions asked some main points few some some reasonable few some some aspects fine some + short, apt and clear, well main points reasonable some incorrect. some some correct fair X some some correct good reasonable prioritized, all time used inconclusive or too long all relevant points many many correct efficient good many correct some aspects officient fai deeply incorrect or show NOTES: + improvement new crucial + improvement practically all points practically all very good overall efficient very good suggestions deep misconceptions all time used point(s) suggestions Dirsine and had point helf of 84T REVIEWER Start from 1 and add/subtract effect this motion. - shall have post to housteady state for. QUESTIONS ASKED **REVIEW OF REPORT** REVIEW OF OPPOSITION **DISCUSSION ANALYSIS** MISSED POINTS ANSWERS TO JURY report evaluation too few, mostly irrelevant discussion correct own POINTED OUT speech QUESTIONS pros & cons prioritisation pros & cons prioritisation & understanding evaluation opinions evaluation relevant, meant to clarify unclear points concise and correct or irrelevant poor/wrong irrelevant almost no no too few poor/wrong irrelevant no questions asked + suitably allotted to Rep & Opp, most time used partial partially relevant some too short/long too short/long | partially relevant some 0 none some some incorrect. relevant parts many good mostly adequate reasonable informative, apt | mostly adequate | reasonable inconclusive or too long -+ short, apt and clear, well prioritized. relevant, accurate, fully detailed fully time managed efficiently condensed & fully deeply incorrect or show good constructive good conclusive adequate complex adequate accurate adequate deep misconceptions

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5 detailed demonstrat	quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting	overall clear,	convincingly suppor	some aspects ted efficient	inconclusive or too long
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SCORESHEET REPORTER Start from 1 and add/subtract Fight 5 B, Stage: 1, Problem No Chattrapiban, Narupon Rep: China Opp: USA Rev: Georgia REPORT DISCUSSION WITH OPPONENT ANSWERS TO JURY. phenomenon relevant comparison between reporter's theory/model OPPONENT, and own contribution task fulfilment science communication relevant explanation experiments theory and experiment conduct at the arguments/responses **REVIEWER'S QUESTIONS** almost no almost no too few no/almost no others' data, incorrectly cited misunderstood unclear, chaotic discussion some some some review of sources, cited too few partly partly clear poor concise and correct or fair fair fair not well fitting some own input some some aspects fine average average no questions asked well performed. deviations some aspects some parts many good good good + some interesting results sufficient number some incorrect. qualitatively analysed above average well done + data/theory some aspects detailed quite detailed, + results explained inconclusive or too long + theory limits considerable experimental interesting overall clear, convincingly supported efficient correct demonstrative errors analysed explained, conclusive or theoretical solution demonstrative deeply incorrect or show deep and comprehensible, detailed, comprex proved deep well fitting, deviations considerable experimental + reproducible, greater extent + complex concepts wel overall efficient deep misconceptions completely testable convincing analysis shows physical insight understanding analysed, conclusive and theoretical than expected communicated NOTES: 0.41 **OPPONENT** Start from 1 and add/subtract QUESTIONS ASKED OPPOSITION (SPEECH) **DISCUSSION WITH REPORTER** ANSWERS TO JURY and too few, mostly irrelevant understanding of relevant topics own opinions time relevant own opinions opponent's conduct of prioritisation REVIEWER'S QUESTIONS prioritisation presentation addressed presented management scientific topics relevant, aimed at resolving presented the discussion concise and correct or almost nothing no or irrelevant too few unclear points in the report no poor almost no too few poor no no questions asked some main points few some some reasonable few some some aspects fine 2 - + short, apt and clear, well some some incorrect, main points reasonable some some correct some some correct prioritized, all time used good reasonable inconclusive or too long all relevant points many many correct efficient good many correct some aspects efficient fair NOTES: pull Lans + improvement deeply incorrect or show new crucie + improvement practically all points practically all very good overall efficient very good suggestions all time used deep misconceptions point(s) suggestions Capstan declar REVIEWER **QUESTIONS ASKED REVIEW OF REPORT** REVIEW OF OPPOSITION **DISCUSSION ANALYSIS** MISSED POINTS **ANSWERS TO JURY** report evaluation too few, mostly irrelevant discussion correct own POINTED OUT speech QUESTIONS pros & cons prioritisation pros & cons prioritisation & understanding evaluation evaluation opinions relevant, meant to clarify unclear points concise and correct or irrelevant poor/wrong irrelevant no almost no too few poor/wrong irrelevant no no questions asked + suitably allotted to Rep & Opp, too short/long partial partially relevant some too short/long partially relevant some most time used some none some incorrect. good relevant parts many mostly adequate reasonable informative, apt | mostly adequate reasonable inconclusive or too long + short, apt and clear, well prioritized, relevant, accurate, fully time managed efficiently detailed. fully condensed & fully deeply incorrect or show constructive good good conclusive adequate complex adequate accurate adequate deep misconceptions IYPT - March 2019

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

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