Lindner, Thomas

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SCORESHEET

Russia:

Stage: 1 Fight 2 A, Problem: 4

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REPORTER Start from 1 and add/subtract 1 + 34 + 1.5 - 0 = 7

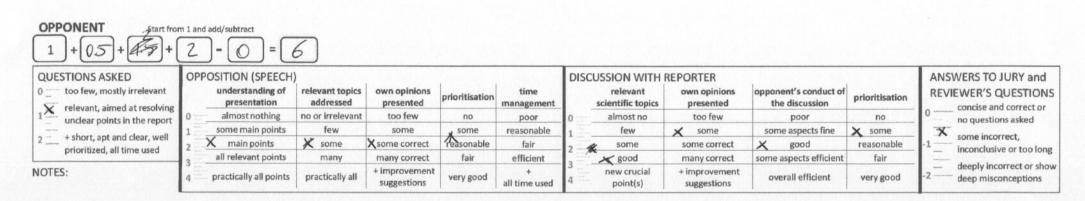
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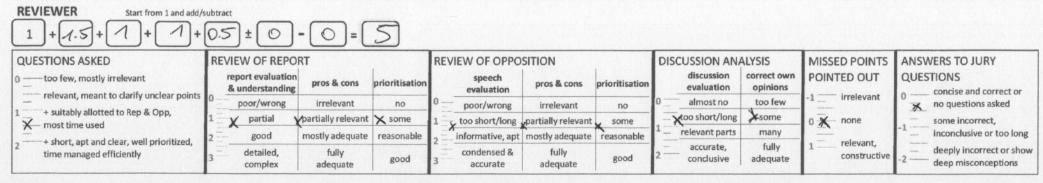
**BRG APP Innsbruck:** 

BG/BRG Villach 1:

REPO	RT							DISC	CUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
,	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic		argumenta) responses	discussion	KEVIEWER'S GOESTIONS
1	some	some	some	some	review of sources, cited	partly	x partly clear	U	too few	poor	concise and correct or
2	X fair	fair	fair	not well fitting	some own input	average	average		<b>✗</b> some	some aspects fine	
4	good	× good	well performed, sufficient number	deviations qualitatively analysed	x + some interesting results	some aspects  X above average	some parts well done		many + data/theory	★ good     some aspects	some incorrect,
5	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative	2	convincingly supported		inconclusive or too long deeply incorrect or show
7	eep 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 understanding	overall efficient	deep misconceptions

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Grillenbeck, Thomas

REPORTER Start from 1 and add/subtract

SCORESHEET

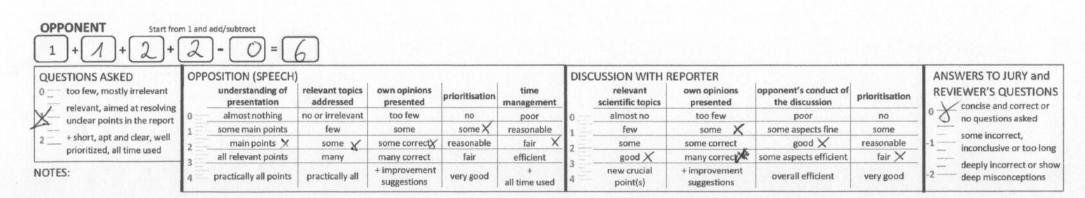
Stage: 1 Fight 2 A, Problem:

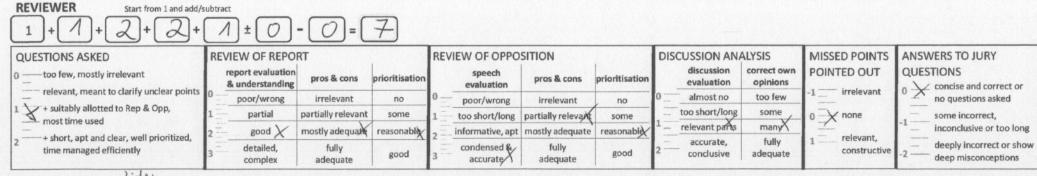
Russia: Viktor Trubidin

BRG APP Innsbruck: Luca EnteroBG/BRG Villach 1: Reham Valis

REP	ORT				Nikita	,		DIS	CUSSION WITH OPP	ONENT	ANSWERS TO JURY,
_	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
U	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	-	arguments/responses	discussion	REVIEWER'S GOESTIONS
1	some	some	some	some	review of sources, cited	partly	partly clear	0	too few X	poor	\/concise and correct or
2	fair	fair	fair	not well fitting	some own input	average	average		some	me aspects fine	0 Z no questions asked
3	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects	some parts well done	=	many + data/theory	good some aspects	some incorrect,
5	detàiled demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental	interesting solution	overall clear, demonstrative	2 -	convincingly supported		inconclusive or too long deeply incorrect or show
7	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 understanding	overall efficient	deep misconceptions

NOTES:





no slides NOTES:

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Kundracik, Frantisek

REPORTER Start from 1 and add/subtract



SCORESHEET Stage: 1 Fight 2 A, Problem:

Russia:

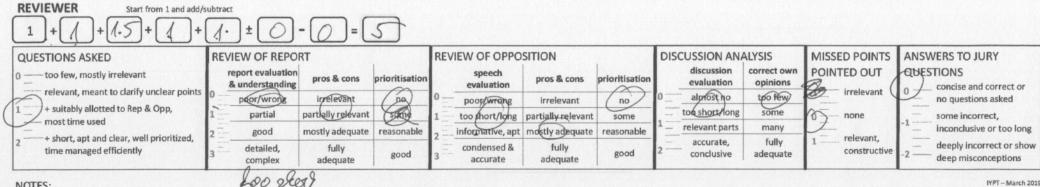
**BRG APP Innsbruck:** 

BG/BRG Villach 1:

EPORT								DISCUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic		discussion	NEVIEWER'S GOESTIONS
	some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
	fair	fair	fair	notwellfitting	some own input	average	average	some	some aspects fine	no questions asked
	good	good	well performed, sufficient number	qualitatively analysed	+ some interesting results	søme aspects above average	some parts well done	many + data/theory	some aspects	some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear,	convincingly supported	\ '/	inconclusive or too lon
deep	and comprehensible,	detailed, complex, completely testable	+ 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:

OPPONENT Start from  1 + 2 + 2 +	n 1 and add/subtract	7									
QUESTIONS ASKED	OPPOSITION (SPEECH	)				DISC	USSION WITH	REPORTER			ANSWERS TO JURY and
too few, mostly irrelevant relevant, aimed at resolving	understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management		relevant scientific topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REVIEWER'S QUESTIONS  concise and correct or
unclear points in the report	0 almost nothing	no or irrelevant	too few	no	poor	0 ===	almost no	too few	poor	no	no questions asked
A	1 some main points	few	some	some	reasonable	1	few	some	some aspects fine	some	
+ short, apt and clear, well	main points	(some)	some correct	reasonable	fair	2	some	some-correct	( good )	reasonable	some incorrect, inconclusive or too long
prioritized, all time used	all relevant points	many	many correct	fair	efficient	-	(good)	many cornect	some aspects efficient	(fair)	
NOTES:	4 practically all points	practically all	+ improvement suggestions	very good	+ all time used	4	new crucial point(s)	+ improvement suggestions	overall efficient	very good	- deeply incorrect or show deep misconceptions



NOTES:

1 . 1 . . .

REPORTER Start from 1 and 1 an	nd add/subtract		SCORESHEET Stage: 1 Fight 2 A, P Russia: V ./ ~		sign / BRG APP Innsbruck:			Mathelitsch, Leopold  M. Well;
explanation almost no alm some services fair good good guite demonstrative deep and comprehensible, shows physical insight complete.	experiments to few some some fair well performed, sufficient number detailed, rect errors analysed la, complex, ely testable convincing analysis	comparison between heory and experiment no/ almost no othe re not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations analysed, conclusive	own contribution rs' data, incorrectly cited view of sources, cited some own input ome interesting results siderable experimental or theoretical siderable experimental and theoretical	misunderstood partly average some aspects above average interesting solution greater extent than expected	unclear, chaotic partly clear average some parts well done overall clear, demonstrative + complex concepts well communicated	relevant arguments/respon  too few some many + data/theory convincingly suppor proved deep understanding	reporter's conduct at the discussion poor some aspects line 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
1+2+2+3	POSITION (SPEECH) understanding of presentation almost nothing some main points main points all relevant points practically all points practic	topics own opinions ssed presented elevant too few some correct many correct hy many correct	prioritisation time management poor reasonable fair efficient very good all time use	DISCUSSIO rel scient 0 alm 2 s s s s s s s s s s s s s s s s s s	N WITH REPORTER  evant own opinions presented too few some some correct ord many correct crucial timprovement suggestions	opponent's condu the discussion poor some aspects fil good Some aspects effic	reasonable	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  1 + 2 + 7 +  QUESTIONS ASKED  0 — too few, mostly irrelevant relevant, meant to clarify unclear p  1 — + suitably allotted to Rep & Opp, most time used + short, apt and clear, well prioritiz time managed efficiently	REVIEW OF REPORT report evaluation & understanding poor/wreng partial	pros & cons prioritisation irrelevant no rtially relevant some ostly adequate reasonable fully adequate good	REVIEW OF OPPOS  speech evaluation  poor/wrong too short/long informative, apt condensed & accurate	pros & cons p irrelevant partially relevant	prioritisation no some reasonable good  DISCUSSIOI discuss evalua  1 frelevant accura conclus	correct own opinions too few close parts many te, fully	MISSED POINTS POINTED OUT  -1 irrelevant  none relevant, constructive	ANSWERS TO JURY QUESTIONS  concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions

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NOTES:



SCORESHEET

Stage: 1 Fight 2 A, Problem: 4

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BRG APP Innshruck: Oppont BG/BRG Villach 1. Poviol 101

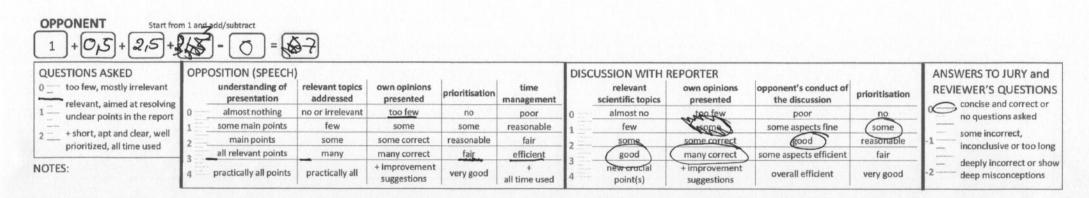
OR	r							DISCUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTION
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/responses	discussion	KEVIEVVER 3 QUESTION
-	some	some	some	• some	review of sources, cited	partly	partly clear	too few	poor	concise and correct of
	fair	fair	fair	not well fitting	some own input	average	<ul> <li>average</li> </ul>	_ some	some aspects fine	
-	good	good	well performed, sufficient number	deviations qualitatively analysed	• + some interesting results	some aspects above average	some parts well done	many + data/theory	good some aspects	some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative	convincingly supported		inconclusive or too lo
	p and comprehensible, hows 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 understanding	overall efficient	deep misconception

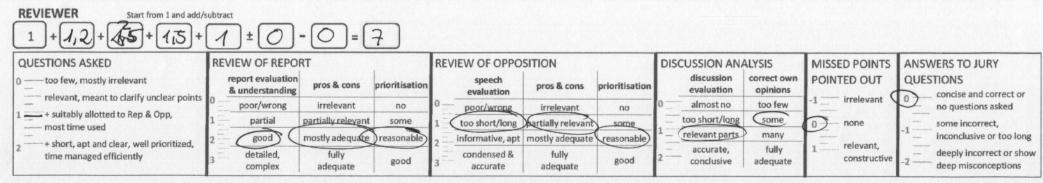
NOTES:

REPORTER

Start from 1 and add/subtract

1 +35+05-05=5





NOTES:

1 . 1 . . . .

**SCORESHEET** 

	190°-	5 )		Russia: T. Nih	140	BRG APP Innsbru	ck: BG/B	RG Villach 1:	
EPORT							DISCUSSION WITH OPP	PONENT	ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0 -	discussion	REVIEWER'S GOESTIONS
some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
fair	(fair)	fair	not well fitting	some own input	average	average	some	some aspects fine	no questions asked
good	good	well performed	deviations	+ some interesting results	some aspects	some parts well done	many many	good	some incorrect,
detailed demonstrative	quite detailed,	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	above average interesting solution	overall clear, demonstrative	2 + data/theory convincingly supported	some aspects efficient	inconclusive or too lon
deep and comprehensible,	detailed, complex,	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	g — proved deep understanding	overall efficient	deep misconceptions
OPPONENT Start  1 + 5 + 2	from 1 and add/subtr	act =	olifeent and dill	anged varies?	E000 01	salysis :! Sa,Sz	۲.		
UESTIONS ASKED	OPPOSITION	N (SPEECH)			DISCUSSI	ON WITH REPORTER			ANSWERS TO JURY and
too few, mostly irrelevant			nt topics own opinio	prioritisation		relevant own opin		prioritisation	REVIEWER'S QUESTIO
relevant, aimed at resolvi	ng l		ressed presented	managem		ntific topics present		Prioritisation	concise and correct of
unclear points in the repo	IT I	9	rrelevant too few	no poor		lmost no too fee		no	no questions asked
+ short and aloar wa	1 some	nain points	ew (some)	some reasonal	ole 1	few some	some aspects fine	some	rome incorrect

QUESTIONS ASKED	OPPOSITION (S	PEECH)				DISC	USSION WITH	REPORTER			ANSWERS TO JURY and
0 too few, mostly irrelevant relevant, aimed at resolving	understand presenta		own opinions presented	prioritisation	time management		relevant scientific topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REVIEWER'S QUESTIONS  concise and correct or
undear points in the report	0 almost no	thing no or irrelevant	too few	no	poor	0	almost no	too few	poor	no	no questions asked
( )	1 some main	points few	some	some	reasonable	1	few	some	some aspects fine	some	
+ short, apt and clear, well prioritized, all time used	2 main po	nts (some	some correct	reasonable	fair	2	some	some correct	good	reasonable	some incorrect, inconclusive or too long
phonazea, an time used	all relevant	points many	many correct	fair	efficient	2	good	many correct	some aspects efficient	fair	
NOTES: pressure	a practically al	points practically all	+ improvement suggestions	very good	all time used	4	new crucial point(s)	+ improvement suggestions	overall efficient	very good	-2 deeply incorrect or show deep misconceptions

eite the way of oliscum con a little bit more own input and less all would be nills neozanes Kilmque

REVIEWER	Start from 1 and add/s	ubtract			
1 + 4 +	115 + 0+	0,5 ±	03-	0	=5
					181

Start from 1 and add/subtract

QUESTIONS ASKED	REVIEW OF REPORT	REVIEW OF OPPOSITION	DISCUSSION ANALYSIS	MISSED POINTS ANSWERS TO JURY
too few, mostly irrelevant     relevant, meant to clarify unclear points	report evaluation pros & cons prioritisation	speech pros & cons prioritisation	discussion correct own evaluation opinions	POINTED OUT QUESTIONS concise and correct or
+ suitably allotted to Rep & Opp,	poor/wrong irrelevant no	poor/wrong irrelevant no	0 almost no too few	no questions asked
most time used	1 partial partially relevant some	1 too short/long partially relevant some	too short/long some	none some incorrect,
+ short, apt and clear, well prioritized,	2 good mostly adequate reasonable	2 informative, apt mostly adequate reasonable	relevant parts many	relevant, inconclusive or too long
time managed efficiently	detailed, fully good complex adequate	3 condensed & fully accurate adequate good	accurate, fully conclusive adequate	constructive -2 deeply incorrect or show deep misconceptions

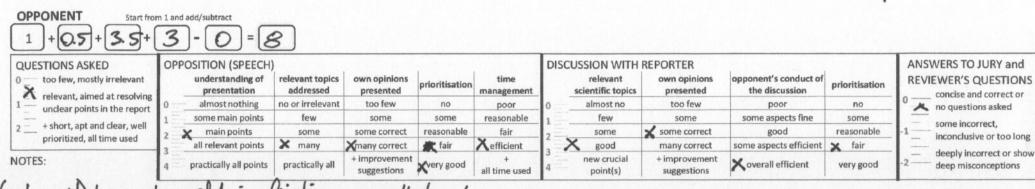
NOTES: Effect relevance me emer estimation seally?

REPORTER

**SCORESHEET** 

Stage: 2 Fight 2 A, Problem: 14

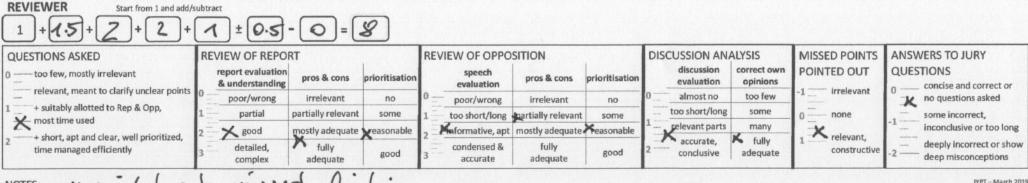
TO BE WAS A STATE	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	aro	relevant uments/responses	reporter's conduct at the	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIC
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic		aments, responses	discussion	KEVIEWEN'S QUESTIC
	some	some	some	some	review of sources, cited	partly	partly clear	0	too few	poor	concise and correc
	fair	fair	X fair	not well fitting	some own input	★ average	average		some	some aspects fine	
×	good	× good	well performed, sufficient number	deviations qualitatively analysed	some interesting results	some aspects above average	some parts well done	×	many + data/theory	good some aspects	some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental	interesting solution	overall clear, demonstrative	con	vincingly supported	*	inconclusive or to
		detailed, complex, completely testable	+ 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 misconcepti



REPORTER

Start from 1 and add/subtract

1 + 35 + 45 - 55 =



REI	PORTER Start for	rom 1 and add/subtra	nct	10 M 10 M	SCORESHEE Stage: 2 Figh		olem: 14		sign	Gilles	eck	Grillenbeck, Thomas
1	]+[4]+[1].	- 0 = (	2	首繁	BRG APP Inn	sbruck: ()	ndrei Ri	WBG/BRG Villa	ach 1:/	Miro Joensou Hu	ngary: Artur	Bakzis
REF	ORT						,			DISCUSSION WITH C		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	on tas	sk fulfilment	science communic	ication	relevant arguments/respons	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
U	almost no	almost no	too few	no/ almost no	others' data, incorrec	the females and someone	isunderstood	unclear, chaot		0	discussion	NEVIEWER 3 GOLSTIONS
1	some	some	some	some	review of sources,	cited	partly	partly clear		too few	poor	concise and correct or
2	fair	fair X	fair	not well fitting	some own inpu	ıt	average	average		some	some aspects fine	no questions asked
4	good 🔀	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting r	results ab	ome aspects ove average	well done	X	many + data/theory	good X	some incorrect,
5	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experience or theoretical		interesting solution	overall clear demonstrativ		convincingly suppor	some aspect	_2 deeply incorrect or sho
7	deep and comprehensible, shows physical insight		+ reproducible,	well fitting, deviations analysed, conclusive	considerable experie		eater extent an expected	+ complex conceptions communicate		3 proved deep understanding	overall efficient	deep misconceptions
1	+1+2+	rom 1 and add/subtr	D=\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\				Louceure	ION WITH PERO	DTED			ANSWERS TO JURY and
	ESTIONS ASKED too few, mostly irrelevant	OPPOSITION		ant topics own opinio	ne	time		ION WITH REPOR	VN Opinio	ns opponent's condu	et of	REVIEWER'S QUESTION
0_		pres		ressed presented	prioritisation	nanagement			presented		nriaritication	concise and correct or
15	relevant, aimed at resolvin	almos	t nothing no or	irrelevant too few	no	poor	0 - 8	lmost no	too few	poor	no	no questions asked
2	unclear points in the repor	some n	nain points	few some	some	reasonable	1	few	some	some aspects fir	ne some	
2 _		a mai	n points	some some orre	ct reasonable	får	1,	some soil	me corre	ect good	reasonable	some incorrect, inconclusive or too lon
	prioritized, all time used	See		many corre		efficient	6	good ma	any) orre		ient fàir	
NOT	ES:	4 practica		tically all + improvem suggestion		+ Il time used	3 n	X	mprovem	ent overall efficien		deeply incorrect or sho deep misconceptions
RE 1	VIEWER Start f	rom 1 and add/subtra	act ± 0.	· O = 7								
	ESTIONS ASKED	RE	VIEW OF REPOR	т	REVIEW O		ION	DI		ON ANALYSIS	MISSED POINTS	ANSWERS TO JURY
10 -	too few mostly irrelevant		report evaluation		spe	ech			disc	ussion   correct own	POINTED OUT	QUESTIONS

pros & cons

irrelevant

fully

adequate

informative, apt mostly adequate reasonable

too short/long partially relevant

evaluation

poor/wrong

condensed & accurate

prioritisation

no

some

good

evaluation

almost no

too short/long

relevant park

accurate,

conclusive

opinions

too few

some

manyX

fully

adequate

irrelevant

relevant,

constructive

X none

pros & cons

irrelevant

partially relevant

fully

adequate

mostly adequate reasonable

& understanding

poor/wrong

partial

good

detailed,

complex

prioritisation

no

some

good

NOTES:

a ---- too few, mostly irrelevant

1 + suitably allotted to Rep & Opp, most time used

time managed efficiently

relevant, meant to clarify unclear points

+ short, apt and clear, well prioritized,

1 . 11 . .

0 concise and correct or

some incorrect,

no questions asked

inconclusive or too long

deeply incorrect or show

deep misconceptions

Kundracik, Frantisek

REPORTER Start from 1 and add/subtract 1+(3+(1)-(0)=(0)



SCORESHEET

Stage: 2 Fight 2 A, Problem:

	-[0]=[4	2	回规约	BRG APP Innsbru	ck:	BG/BRG Villach	: Hunga	ry:	
REPORT phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH OPPO	ONENT reporter's conduct at the	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, incorrectly cite	ed misunderstood	unclear, chaotic	arguments/responses	discussion	REVIEWER 5 QUESTIONS
some	some	Some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
fair	( fair)	fair	not well fitting	some own input	average	average	sóme s	ome aspects fine	no questions asked
good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many + data/theory	some aspects	some incorrect,
detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimenta	interesting solution	overall clear, demonstrative	convincingly supported	efficient	inconclusive or too lor
	detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimenta and theoretical	greater extent than expected	+ complex concepts we communicated	3 — proved deep understanding	overall efficient	deep misconceptions
DUESTIONS ASKED	OPPOSITION	(SPEECH)			DISCUSS	ION WITH REPORTER			ANSWERS TO JURY and
too few, mostly irrelevant	underst	tanding of releva	nt topics own opinior ressed presented	prioritisation tim	e	relevant own opi	nions opponent's conduct of	prioritisation	REVIEWER'S QUESTION
	A almos	t nothing no or i	relevant too few	no pod	r 0 a	almost no too fe	w poor	no	A 0 -1-
2	t o anno								no questions asked
unclear points in the repo	1 some m	nain points f	ew some	some reason	able 1	few som	some aspects fine	some	no questions asked
unclear points in the report + short, apt and clear, wel	1 some m		ew some		able 1	few some co			no questions asked some incorrect,
unclear points in the repo	some m	points so	any some correct	t easonable fair	2 6	10	rrect good	some	no questions asked some incorrect, inconclusive or too loo
undear points in the report + short, apt and clear, well prioritized, all time used	1 some m 2 mair 3 all relev	points se	ome some correc	t reasonable fair t fair efficient +	2 2 3 m	some co	rrect good rrect some aspects efficient ement overall efficient	some reasonable	no questions asked some incorrect,
unclear points in the report + short, apt and clear, wel	some m 2 majr 3 all elev 4 practical	points so many points many points practi	any some correct any many correct cally all suggestions	t reasonable fair t fair efficient +	2 2 3 m	some co	rrect good rrect some aspects efficient ement overall efficient	some reasonable fair	no questions asked some incorrect, inconclusive or too deeply incorrect or

1+(5+(5+(5+	1.5 ± 0	- 6=	7									
QUESTIONS ASKED	REVIEW OF REPO	ORT		REV	EW OF OPPO	SITION		DISC	CUSSION AN	ALYSIS	MISSED POINTS	ANSWERS TO JURY
too few, mostly irrelevant     relevant, meant to clarify unclear points	report evaluation & understanding	proc & cone	prioritisation		speech evaluation	pros & cons	prioritisation		discussion evaluation	correct own opinions	POINTED OUT	QUESTIONS concise and correct or
+ suitably allotted to Rep & Opp,	poor/wrong	irrelevant	(no	0	poor/wrong	irrelevant	no	0	almost no	too few	-1 irrelevant	no questions asked
most time used	1 partial	partially relevant	some	1	too short/long	partially relevant	some	1	too short/long	some	none	some incorrect,
+ short, apt and clear, well prioritized,	2 good	mostly adequate	reasonable	2	informative, apt	mostly adequate	reasonable	-		fully	relevant,	inconclusive or too long
time managed efficiently	detailed, complex	fully adequate	good	3	condensed & accurate	fully adequate	good	2	conclusive	adequate	constructive	deeply incorrect or show deep misconceptions

NOTES:

	from 1 and add/subtrac	*	国常国 建筑经验		ght 2 A, Prob	- /		sign /	106		Mathelitsch, Leopold
1+4+1	- 0=6	2	回报等	BRG APP Ir	nnsbruck:	List	BG/BRG Vil	lach 1:	Hı	ingary: ()	locz
REPORT  phenomenon explanation  almost no  some fair  good detailed demonstrative deep and comprehensible, shows physical insight	theory/model  almost no some fair good quite detailed, correct detailed, complex, completely testable	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	own contribu others' data, incorr review of source some own in + some interestin considerable expe or theoretic considerable expe and theoretic	ectly cited miss, cited put sgresults at a citemental cal minertal grimental	isk fulfilment issunderstood partly average ome aspects bove average interesting solution reater extent nan expected	science communum communication science commu	DISC  nication  otic  or  ar, ive pts well  3	relevant arguments/respor  too few sorpe many + data/theory convincingly suppo 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
OPPONENT Start  1 + 1 + 3	from 1 and add/subtra	ST 1	richia is	relev	erf;	shou	c(he	outh	יה ) ש) כ.	· / ere a	Wey
QUESTIONS ASKED  0 too few, mostly irrelevant relevant, aimed at resolvi undear points in the repo + short, apt and clear, we prioritized, all time used  NOTES:	ng prese 0 almost 1 some m all relevi	anding of relevantation add nothing no or in ain points points and	nt topics own opinion presented too few some some corrections with the correction of	no some reasonable the reasonable	time management poor reasonable fair efficient + all time used	re scient 0 alr 1 2 5	tific topics most no few some s good n w crucial +	wn opinions presented too few some ome correct nany correct mprovement	opponent's condithe discussion poor some aspects fingood some aspects efficient overall efficients.	n prioritisation no no ine some 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  1 + 2 + 1	from 1 and add/subtract	:t 1 ± -	=6			$\mathcal{E}$	point	e (ou	f mice	-in,	tent.
QUESTIONS ASKED  1 too few, mostly irrelevant relevant, meant to clarify 1 + suitably allotted to Rep most time used  2 + short, apt and clear, wel time managed efficiently	unclear points 0		pros & cons prioriti irrelevant no partially relevant son nostly adequate reason fully adequate good	sation evaluation of the sation of the satio	r/wrong hort/long par native, apt mo		prioritisation no some reasonable good 2	discussion evaluation almost no too short/lo felevant par accurate, conclusive	correct own opinions too few some rts many fully	MISSED POINTS POINTED OUT  -1 irrelevant  none relevant, constructive	ANSWERS TO JURY  COUNTY  COUNT

NOTES:

Start from 1 and add/subtract 1+11-05=7

SCORESHEET

Stage: 2 Fight 2 A, Problem: //

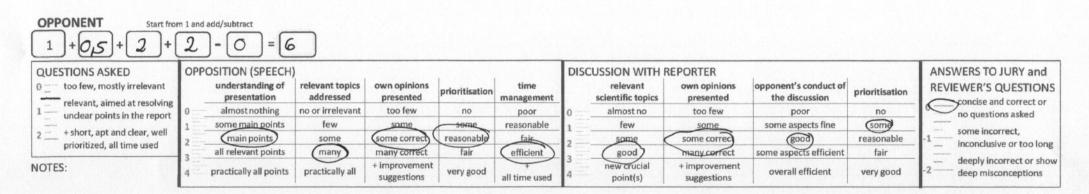
BRG APP Innsbruck:

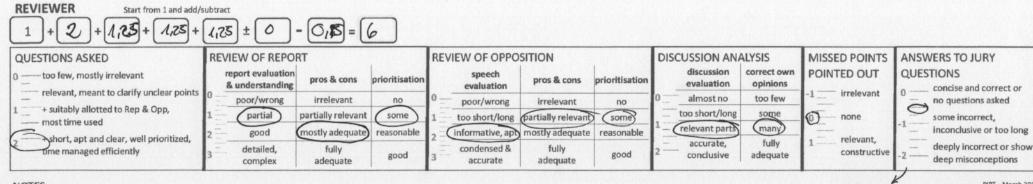
BG/BRG Villach 1:

EPORT								DISCUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments) responses	discussion	NEVIEWER'S GOESTIONS
	some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
	fair	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	
	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	many + data/theory	good some aspects	some incorrect,
/	detailed	quite detailed,	+ results explained	+ theory limits	considerable experimental)	(interesting	overall clear,	convincingly supported		inconclusive or too lon
(	demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative )		511111111	-2 deeply incorrect or sho
Committee of the last		detailed, complex, completely testable	+ 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:

REPORTER





NOTES:

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REPORTER Start  1 + 49 + 1	from 1 and add/subtra	act	国為国	SCORESHEET Stage: 2 Fight 2 A, I BRG APP Innsbruc		S) BG/BRG Villach 1	Hunga	Zaji ary: Aclue	ki-Zechmeister, Krisztina
NOTES:	completely testable	relevant experiments too few some fair well performed, sufficient number + results explained errors analysed + reproducible, convincing analysis	not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations analysed, conclusive	own contribution others' data, incorrectly cited review of sources, cited some own input + some interesting results considerable experimental or theoretical considerable experimental and theoretical	task fulfilment misunderstood 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	DISCUSSION WITH OPP  relevant arguments/responses  too few some man  + data/theory convincingly supported  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
OPPONENT  1 + O 5 + 2  QUESTIONS ASKED  1 too few, mostly irrelevant relevant, aimed at resolvit unclear points in the repo 2 + short, apt and clear, wel prioritized, all time used  NOTES:	OPPOSITION unders present 1 some n 2 main 2 all relevant 3	(SPEECH)  tanding of releva entation add it nothing no or i nain points in points si n poi	nt topics own opinion presented relevant too few ew some come corne many correctically all	prioritisation time managem no poor reasonable fair efficien type to the prioritisation managem no poor reasonable fair type pood the prioritisation type prioritisation managem no poor reasonable fair efficient type pood the prioritisation managem no poor reasonable fair type prioritisation no poor reason	DISCUSSION Scient of all the scient of the s	ON WITH REPORTER elevant own opin ntific topics present most no too fe few some some some con good many.con w crucial + improve soint(s) suggesti	opponent's conduct of the discussion w poor some aspects fine good seed some aspects efficient overall efficient	no some reasonable	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
	rom 1 and add/subtra + 2 + RE unclear points 0	VIEW OF REPOR report evaluation & understanding poor/wrong partial good detailed, complex	pros & cons prioritis irrelevant no artially relevant som fully adequate good	REVIEW OF OPPO speech evaluation 0 poor/wrong 1 too short/long able 2 informative, apt condensed & accurate	SITION	prioritisation no some reasonable	onnol SION ANALYSIS MI	SSED POINTS INTED OUT irrelevant none relevant, constructive	ANSWERS TO JURY QUESTIONS  concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
NOTES:	(	shy faction	so important						IYPT – March 2019

REPORTER State  1 + 4.5 + 2.5	rt from 1 and add/subtr	act S	回水回 新海(1) 回次数	SCORESHEET Stage: 3 Fight 2 A, BG/BRG Villach 1:	Problem:5	Hungary:		Rua - C	ssia:	Lindner, Thomas
REPORT  phenomenon explanation almost no some fair detailed demonstrative deep and comprehensible shows physical insight  OPPONENT Sta  1 + 7 + 25	theory/model almost no some fair good Kquite detailed, correct detailed, complex, completely testable	e lo co	explained, conclusive well fitting, deviations	others' data, incorrectly cited review of sources, cited some own input + some interesting results considerable experimental	partly average some aspects above average  interesting solution greater extent than expected	science communication of the c	haotic lear ge arts one lear, rative iccepts well	relevant arguments/respon too few some many + data/theory convincingly suppor 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
QUESTIONS ASKED  1 too few, mostly irreleval relevant, aimed at resolundear points in the rep  2 + short, apt and clear, w prioritized, all time used  NOTES:	ving pres oort almost ell some r 2 mai 3 all rele	standing of entation add strothing no or main points no points want points no or main points no or mai	int topics own opinion presented presented too few some ome when many correspond to the control of the control	no poor reasonable fair the fa	nent scier of all ble 1 2 2 2 11 11 11 11 11 11 11 11 11 11 1	ON WITH RE elevant titific topics most no few some good w crucial point(s)	PORTER own opinio presented too few some some corree many corree + improvem suggestion	the discussion poor some aspects fi ect good ect me aspects effi ent overall efficier	no ne some **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
QUESTIONS ASKED  O too few, mostly irreleval relevant, meant to clarif + suitably allotted to Rep most time used  + short, apt and clear, w time managed efficiently	REINT Y unclear points 0 p & Opp, 1	VIEW OF REPOR report evaluation & understanding poor/wrong partial good detailed, complex	pros & cons priorit irrelevant no partially relevant reaso mostly adequate reaso fully adequate go	evaluation  o poor/wrong  too short/long	pros & cons	~	discieval  alm too sh  releva acci	ON ANALYSIS ussion correct own opinions ost no too few ort/long some int parts many urate, fully adequate	MISSED POINTS POINTED OUT  -1 irrelevant  0 none relevant, constructive	ANSWERS TO JURY QUESTIONS  o concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions

SCORESHEET
Stage: 3 Fight 2 A, Problem: 5
BG/BRG Villach 1: Rohan Walia Hungary: Level Work Russia:

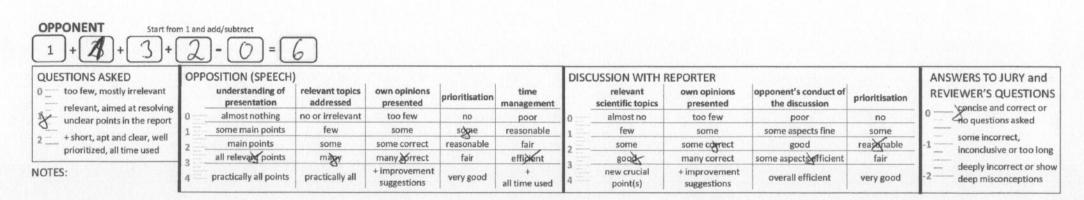
Grillenbeck, Thomas





EPORT	Γ							DISCUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/responses	discussion	REVIEWER 3 QUESTIONS
	some	some	some	some	review of sources, cited	partly	partly clear X	too few	poor	oncise and correct or
	falk	fair	fair	not well fitting	some own input	average	average	some	some aspects fine	0 no questions asked
	good	g0 <b>&gt;</b> 0	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	manyX + data/theory	∑ good some aspects	some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental	interesting solution	overall clear, demonstrative	convincingly supported		inconclusive or too lor
make 1	p and comprehensible, hows 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 understanding	overall efficient	deep misconceptions

NOTES:



Start from 1 and add/s	subtra	1 ± 0	- () = (	6									
QUESTIONS ASKED	RE\	VIEW OF REPO	RT	y versi	RE	VIEW OF OPPO	SITION		DIS	CUSSION AN	ALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrelevant		report evaluation & understanding	nrac & cane	prioritisation		speech evaluation	pros & cons	prioritisation		discussion evaluation	correct own opinions	POINTED OUT	QUESTIONS condise and correct or
relevant, meant to clarify unclear points	0	poor/wrong	irrelevant	no	0 -	poor/wrong	irrelevant	no	0	almost no	too few	-1 irrelevant	no questions asked
+ suitably allotted to Rep & Opp,  most time used	1	partial	partially relevant	some _	1	too shortlong	partially relevant	solpre		too short long	styrne	0 mone	some incorrect,
	2	good	mostly adequate	reasonable	2	and the same of th	mostly adequate	-	1-	relevant parts	many		inconclusive or too long
2+ short, apt and clear, well prioritized, time managed efficiently	3	detailed, complex	fully adequate	good	3	condensed & accurate	fully adequate	good	2	accurate, conclusive	fully adequate	1 relevant,	deeply incorrect or sho deep misconceptions
NOTES: NO	si	lides											IYPT – March 2

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REPORTER Start from	om 1 and add/subtra	et .	国美国 数66663 国主书4	SCORESHEET Stage: 3 Fight 2 A, P BG/BRG Villach 1:	roblem:	Si Hungary:	gn Olle Ce	ussia:	Kundracik, Frantisek
	mpletely testable	relevant experiments too few some fair well performed, sufficient number + results explained errors analysed + reproducible, convincing analysis	not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations analysed, conclusive	own contribution others' data, incorrectly cited review of sources, cited some own input + some interesting results considerable experimental or theoretical considerable experimental and theoretical	misunderstood partly average some aspects above average interesting solution greater extent than expected	science communication unclear, chaotic partly clear average some parts well dople overall clear, demonstrative + complex concepts we communicated	arguments/respo  too few  some many  data/theory convincingly suppo proved deep understanding	reporter's conduct at the discussion poor some aspects fine good some aspects 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  1 too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritized, all time used  NOTES:	prese 0 almos 1 some m mair all relev 4 practical	tanding of relevant add thothing no or interpretation and thothing no or interpretation and thothing no or interpretation and the interpr	own opinion presented relevant too few some some corrections many correctally all	no poor reasonable tt reasonable tt fair efficient very good all time use	e 1 2 3 need 4 p	ON WITH REPORTER elevant own opi tific topics preser most no too fr few some composition of the composition	opponent's cond the discussion www.poor some aspects errect good orrect some aspects efferent tions opponent's cond the discussion good overall efficient	no no fine some reasonable fair 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
REVIEWER Start from the start from t	om 1 and add/subtra	od join	0=5	— MO Reac	u oa	ce ou ae	esoers (A	er accey	cases)
QUESTIONS ASKED  1 too few, mostly irrelevant relevant, meant to clarify ur + suitably allotted to Rep & most time used  2 + short, apt and clear, well p	onclear points 0		pros & cons prioriti irrelevant artially relevant reason fully adequate good	poor/wrong  poor/wrong  coshort/long  informative, apt  condensed &		prioritisation e e e e e e e e e e e e e e e e e e e	valuation opinions Ilmost no too few short/long some evant parts many eccurate, fully onclusive adequate	MISSED POINTS POINTED OUT  -1 irrelevant  none relevant, constructive	ANSWERS TO JURY QUESTIONS  o concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
NOTES:		Coulble	nd discurse	a(		2.40 2.6	inds lubbles discussion va	s good	IYPT – March 2019

REPORTER  1 + ( + (	Start from 1 and add/			SCORESHEET Stage: 3 Fight 2 A BG/BRG Villach 1		و Hungary: (۵	0.50	ussia:	Mathelitsch, Leopold
REPORT							DISCUSSION WITH	OPPONENT	ANSWERS TO JURY,
phenomeno	theory/mor	del relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communicati	on relevant	reporter's	OPPONENT, and
0 explanation almost no	almost no	THE RESERVE THE PROPERTY OF STREET	THE RELEASE OF THE PROPERTY OF	others' data, incorrectly cite	d misunderstood	unclear, chaotic	arguments/respo	nses conduct at the discussion	REVIEWER'S QUESTIONS
1 some	some	some	some	review of sources, cited	partly	partly clear	too few	poor	concise and correct or
2 fair	fair	feit	not well fitting	some own input	average	average	_ some	some aspects fine	no questions asked
good good	good	well performed, (sufficient number	deviations qualifatively analysed	+ some interesting results	some aspects	some parts well done	many	good (	some incorrect,
5 detailed	quite detail	THE PERSON NAMED IN COLUMN TO A PARTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS		considerable experimental		overall elear.	+ data/theory		inconclusive or too long
demonstrati	ve correct	errors analysed	explained, conclusive	or theoretical	solution	demonstrative	P	ited emcient	_2 deeply incorrect or show
	ensible, detailed, com		well fitting, deviations	considerable experimenta		+ complex concepts w	vell 3 — proved deep understanding	overall efficient	deep misconceptions
shows physical in NOTES:	nsignt   completely tes	table convincing analysis	analysed, conclusive	and theoretical	than expected	communicated			
OPPONENT  1 + Z +	Start from 1 and add,	subtract =		error:	f.	= 3 fn	(uof 7%	) / a.	helicer
QUESTIONS ASKED  1 too few, mostly in relevant, aimed a	t resolving	presentation add	ant topics own opinion irressed presented irrelevant too few	prioritisation time manage	ment scier	ntific topics prese	pinions opponent's condented the discussion few poor	prioritisation	ANSWERS TO JURY and REVIEWER'S QUESTIONS  o concise and correct or no questions asked
1	1 50	me main points	few some	some reason	The second secon	few so	me some aspects		
+ short, apt and o	and the same of th	main <del>po</del> ints s	ome some correc		2	some some	correct) good	reasonable	some incorrect, inconclusive or too long
	3) - 3	relevant points	many correct		- 1 3		correct some aspects eff	icient fair	deeply incorrect or show
NOTES:	4 pra	ctically all points prac	tically all + improvement suggestions	Very good			overall efficie	nt very good	-2 deep misconceptions
REVIEWER  1 + 1 +	Start from 1 and add/	subtract $\pm$ $/$ =	· 1 = 5			2000			
QUESTIONS ASKED		REVIEW OF REPOR	Т	REVIEW OF OPP	OSITION	DISCI	JSSION ANALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly in	relevant	report evaluation					discussion   correct own	POINTED OUT	QUESTIONS
	o clarify unclear points	& understanding	pros & cons prioritis	evaluation	pros & cons	prioritisation	evaluation opinions	-1 irrelevant	0 concise and correct or
+ suitably allotted		poor/wrong	irrelevant no	0 poor/wrong	irrelevant	no 0	almost no too few	~1 irrelevant	no questions asked
most time used	to hep at opp,	1) partial/	partially relevant son	too short/long	partially relevant	Sollie -	oo short/long some	0 none	some incorrect,
	lear, well prioritized,	2 good	mostly adequate reason	informative, a	nt mostly adequate	reasonable T	elevant parts mapy	relevant,	inconclusive or too long
time managed eff		3 detailed, complex	fully goo	od 3 condensed & accurate	fully adequate	good 2	sccurate, fully conclusive adequate	constructive	-2 — deeply incorrect or show deep misconceptions
NOTES									PART 14

REPORTER Start from 1 and add/subtract



SCORESHEET Stage: 3 Fight 2 A, Problem: 5

BG/BRG Villach 1: Poly Wolf Hungary: 10 400 A. KOIZE

EPOR1	Г							DISC	USSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTION
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	-	arguments/responses	discussion	REVIEWER 3 QUESTION
	some	some	some	some	review of sources, cited	partly	partly clear	0	too few	poor	concise and correct of
	fair	fair	fair	not well fitting	some own input	average	average	-	some	some aspects fine	no questions asked
	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	1	+ data/theory	good some aspects	some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits (explained, conclusive	considerable experimental	interesting solution	overall clear demonstrative	2	convincingly supported	efficient	inconclusive or too deeply incorrect or
		detailed, complex, completely testable	+ 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 misconception
TES:	: '	Vinico that	no enoi	Olket	variation						

**OPPONENT** 

QUE	STIONS ASKED
0	too few, mostly irrelevant
1 -	relevant, aimed at resolving unclear points in the report
2	+ short, apt and clear, well

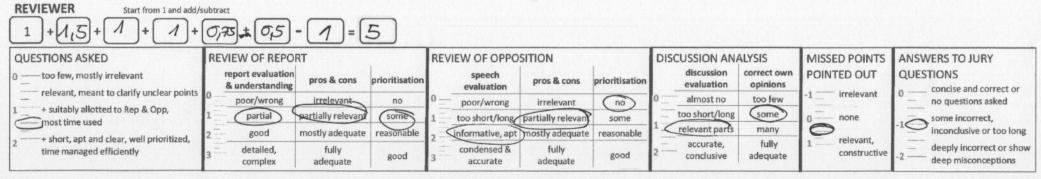
1	unclear points in the report
2	+ short, apt and clear, well prioritized, all time used

NI	OTE	ς.
2		+ short, apt and clear, we prioritized, all time used
	100	undear points in the repo

OPP	OSITION (SPEECH)				
	understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management
0	almost nothing	no or irrelevant	too few	no_	poor
1 = -	some main points	few	some	(some	reasonable
2	(main points)	some	(some correct)	reasonable	( fair )
3	all relevant points	many	many correct	fair	efficient
4	practically all points	practically all	+ improvement suggestions	very good	+ all time used

relevant scientific topics	own opinions presented	opponent's conduct of the discussion	prioritisation
almost no	too few	poor	no
few	some	some aspects fine	some
some	some correct	(good)	reasonable
(good)	many correct	some aspects efficient	fair
new crucial point(s)	+ improvement suggestions	overall efficient	very good

_						
nd						
<b>IEWER'S QUESTIONS</b>						
tor						
long						
show						



NOTES:

REPORTER  1 + 56	Start from 1 and a	dd/subtract		鮰		ight 2 A, Pi	roblem: S 2.Velue	Hungary	sje : L. V	the la			ki-Zechmeister, Krisztina
REPORT										DISCUS	SSION WITH OF	PONENT	ANSWERS TO JURY,
phenom	tneory/r	nodel relevar			own contrib	bution	task fulfilment	science com	munication		relevant guments/response	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
almost	no almos	t no too fee	w no/almos		ers' data, inco		misunderstood	unclear,	and the control of the latest terminate	0		discussion	NEVIEWER'S GOESTIONS
some					eview of source		partly	partly			too few	poor	concise and correct or
fair	fair		not well fit		some own	input	average	avera	THE REAL PROPERTY AND ADDRESS OF THE PERSON	1	many	some aspects fine	no questions asked
good	goo	d well perfor		+	some interest	ing results	some aspects above average	some   well d					some incorrect,
g detail	ed quite del	the same of the sa	Construence recovery of the land and the construence of the construenc	mention of the second section in the second	onsiderable ex	perimental	interesting	overall		2	+ data/theory nvincingly supporte	some aspects ed efficient	inconclusive or too long
demonst					or theore		solution	demons				u encient	_2 deeply incorrect or show
7	rehensible, detailed, o				onsiderable exp		greater extent	+ complex co		3	proved deep understanding	overall efficient	deep misconceptions
shows physic	al insight completely	testable convincing a	nalysis analysed, cor	nclusive	and theore	etical	than expected	commun	nicated		understanding		
OPPONENT  1 + QS  QUESTIONS ASK 0 too few, most relevant, aime undear point: 2 + short, apt ar prioritized, all  NOTES:	ly irrelevant ed at resolving s in the report nd clear, well time used	DSITION (SPEECH) understanding of presentation almost nothing some main points main points all relevant points practically all points	addressed p no or irrelevant few some som many ma practically all	or opinions or esented too few some me correct any correct improvement uggestions	prioritisation no some reasonable fair very good	poor reasonable fair efficient all time use	e 1 2 2 3 3 n	ION WITH RI relevant intific topics ilmost no few some good ew crucial point(s)	own opin present too fev some some con many cor + improve suggestic	rect s	ppponent's conduct the discussion poor some aspects fine good some aspects efficient	no some reasonable	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  1 + 1	Start from 1 and a	+ 15 ±	5-0=	3									
QUESTIONS ASK	ED	REVIEW OF R	EPORT		REVIEW	OF OPPOS	SITION		DISCUSS	SION AN	ALYSIS I	VISSED POINTS	ANSWERS TO JURY
0too few, most		report evalu	ation			speech			dis	cussion		OINTED OUT	QUESTIONS
		& understar	nros & cons	prioritisati	on I	valuation	pros & cons	prioritisation	eva	aluation	opinions		concise and correct or
1	nt to clarify unclear poi	nts 0 poor/wro	ng irrelevant	no	0 pc	oor/wrong	irrelevant	no	0 alı	most no	too few	irrelevant	no questions asked
-/	tted to Rep & Opp,	1 partial	partially relevan	some	1 too	short/long	partially relevan	some	too s	hort/long	some	none	some incorrect,
most time use		good	) mostly adequate	e reasonab	-	3	mostly adequate		1 - relev	ant parts	many	7	inconclusive or too long
	nd clear, well prioritized	detailed				ndensed &	fully	0	2	curate,	fully 1	relevant,	deeply incorrect or show
time manager	emdentry	3 complex		good		accurate	adequate	good	2 co	nclusive	adequate	constructive	-2 — deep misconceptions
NOTES:													IYPT — March 2019

	from 1 and add/subtr	act	10 TH	SCORESHEET Stage: 4 Fight 2 A,	Problem: 1	3	Mouros alds	Lindner, Thomas
1 + 2.5 + 1	- 0 = 3	5	画影響	Hungary:		Russia:	BRG APP Innsbr	uck:
NOTES: Decretic	completely testable	'	comparison between theory and experiment no/ almost no some mot 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	partly average some aspects above average interesting solution greater extent than expected	science communication unclear, chaotic partly clear average x some parts well done overall clear, demonstrative + complex concepts well communicated	relevant arguments/responses  too few some aspects many good  the data/theory convincingly supported proved deep understanding overall efficient  sufficient good  which is the convincion of th	REVIEWER'S QUESTIONS  concise and correct or no questions asked  some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
QUESTIONS ASKED  Too few, mostly irrelevant relevant, aimed at resolvir unclear points in the report the short, apt and clear, well prioritized, all time used  NOTES:	pres of almo o	N (SPEECH) standing of entation addistrothing no or in points from points want points main	own opinio presented too few some some correlany many corresically all	no poor  some reasonable fair efficient  very good +	nent scier 0 al	ON WITH REPORTER elevant own opini presente most no too fev few some some some corr good many corr w crucial + improver suggestic suggestic	the discussion prioritisate  poor no  some aspects fine some rect good reasonab rect some aspects efficient fair ment overall efficient very goo	ole ole concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show
REVIEWER Start  1 + 1 + 2  QUESTIONS ASKED  0 — too few, mostly irrelevant — relevant, meant to clarify  1	unclear points 0	± 0.5 - VIEW OF REPOR' report evaluation & understanding poor/wrong partial p	pros & cons priorit irrelevant n artially relevant son nostly adequate reaso	o poor/wrong me poor/wrong nable poor/wrong informative, ap	pros & cons	no o alro too some	SION ANALYSIS scussion correct own opinions most no too few short/long some vant parts many curate, relevant and construct con	OUESTIONS  concise and correct or no questions asked  some incorrect, inconclusive or too long
NOTES: point on	.h (that	Complex	adequate go	be a disc	ussiou	of accus	adequate	deep misconceptions

sign Ghilleweck SCORESHEET

Stage: 4 Fight 2 A, Problem: 13

Hungary: Marcell Csels: Russia: Wikita Trubicy 10 BRG APP Innsbruck:

Grillenbeck, Thomas

REPORTER Start from 1 and add/subtract 1+5+2-0=8



ORT	Т							DISC	USSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTION
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic		6	discussion	METHER S GOLDHOIN
	some	some	some	some	review of sources, cited	partly	partly clear	U	too few	poor	\ eoncise and correct or
	fair	fair	fair	not well fitting	some own input	average	average		some	some aspects fine	0 ono questions asked
	good X	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done		many + data/theory	good some aspects	some incorrect,
	detailed demonstrative	quite detailed,	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative	2	convincingly supported		inconclusive or too lo
		detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent		3	proved deep understanding	overall efficient	deep misconceptions

Hins sons NOTES:

OPPONENT Start from	n 1 and	add/subtract	5									
QUESTIONS ASKED	OPP	OSITION (SPEECH)					DISC	USSION WITH	REPORTER			ANSWERS TO JURY and
0 too few, mostly irrelevant		understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management		relevant scientific topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REVIEWER'S QUESTIONS  Concise and correct or
relevant, aimed at resolving unclear points in the report	0	almost nothing	no or irrelevant	too few	no	poor	0	almost no	too few	poor	no	no questions asked
0	1	some main points	few	some	some	reasonable	1	few	soine	some aspects fine	some	some incorrect,
2 - + short, apt and clear, well	2	main points	some	some correct	reasonable	fair	2	solve	some correct	good	reasonable	inconclusive or too long
prioritized, all time used	2	all relevant points	many	many correct	fair	efficient	2	good	many correct	some aspects efficient	fair	
NOTES:	4	practically all points	practically all	+ improvement suggestions	very good	+ all time used	4	new crucial point(s)	+ improvement suggestions	overall efficient	very good	- deeply incorrect or show deep misconceptions

REVIEWER Start from 1 and add/s	subtract							
1+1+2+2+	/ ± (0 - () = (	7						
QUESTIONS ASKED	REVIEW OF REPORT		REVIEW OF OPPO	SITION		DISCUSSION ANALYSI	IS MISSED POINTS	ANSWERS TO JURY
0 ——too few, mostly irrelevant	& understanding	prioritisation	speech evaluation	pros & cons	prioritisation		POINTED OUT	QUESTIONS  concise and correct or
relevant, meant to clarify unclear points	poor/wrong irrelevant	no	0 poor/wrong	irrelevant	no		oo few	no questions asked
+ suitably allotted to Rep & Opp, most time used	1 partial partially relevant	some	1 too short/long	partially relevant	some	1	ome 0 none	some incorrect,
+ short, apt and clear, well prioritized,	2 god mostly agequate	reaso	2 informative, apt	mostly altequate	reasonable		relevant,	inconclusive or too long
time managed efficiently	detailed, fully complex adequate	good	condensed & accurate	fully adequate	good	3	fully a relevant, constructive	-2 deeply incorrect or show deep misconceptions

NOTES:

SCORESHEET Kundracik, Frantisek REPORTER Start from 1 and add/subtract Stage: 4 Fight 2 A. Problem: Hungary: **BRG APP Innsbruck:** Russia: REPORT DISCUSSION WITH OPPONENT ANSWERS TO JURY. relevant comparison between phenomenon reporter's OPPONENT, and theory/model own contribution task fulfilment science communication relevant experiments theory and experiment explanation conduct at the arguments/responses REVIEWER'S QUESTIONS discussion almost no almost no too few no/almost no others' data, incorrectly cited misunderstood unclear, chaotic too few poor some some some review of sources, cited partly clear partly concise and correct or some some aspects fine fair fair not well fitting some own input average average no questions asked well berformed deviations some aspects some parts many good good good + some interesting results some incorrect, qualitatively analysed above average sufficient number well done data/theory some aspects inconclusive or too long quite detailed. detailed theory limits overall clear, + results explained considerable experimental teresting convincingly supported efficient demonstrative correct explained conclusive errors analysed or theoretical demonstrative deeply incorrect or show solution proved deep deep and comprehensible, detailed, complex, + reproducible. well fitting, deviations considerable experimental + complex concepts well greater extent overall efficient deep misconceptions understanding shows physical insight completely testable convincing analysis analysed, conclusive and theoretical communicated than expected -: un clear error estimation (program?)
-: no results shown for special febrico NOTES: **OPPONENT** OPPOSITION (SPEECH) **OUESTIONS ASKED** 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 **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 poor almost no too few poor unclear points in the report no questions asked some main points few some Some reasonable few some aspects fine some some + short, apt and clear, well some incorrect. main points some some correct neasonable Tair reasonable some some correct 9900 prioritized, all time used inconclusive or too long all relevant points many many correct fair efficient pood many correct some aspects efficient fair deeply incorrect or show NOTES: + improvement new crucial + improvement practically all points practically all very good overall efficient very good deep misconceptions suggestions all time used point(s) suggestions t: quite good presentation -: discussione some irrelevant questiones, relevant (error estimation) not discussed REVIEWER Start from 1 and add/subtract REVIEW OF REPORT REVIEW OF OPPOSITION **OUESTIONS ASKED** DISCUSSION ANALYSIS MISSED POINTS ANSWERS TO JURY report evaluation discussion correct own POINTED OUT too few, mostly irrelevant speech QUESTIONS pros & cons prioritisation pros & cons prioritisation & understanding evaluation opinions evaluation concise and correct or relevant, meant to clarify unclear points irrelevant almost no too few poor/wrong irrelevant no questions asked no poor/wrong irrelevant no + suitably allotted to Rep & Opp, top-short/long some partial partially relevant some too short/long partially relevant none some incorrect. some most time used reasonable relevant parts many mostly adequate informative, apt mostly adequate inconclusive or too long good reasonable + short, apt and clear, well prioritized, relevant, accurate. fully deeply incorrect or show detailed condensed & fully time managed efficiently constructive

accurate

good

adequate

conclusive

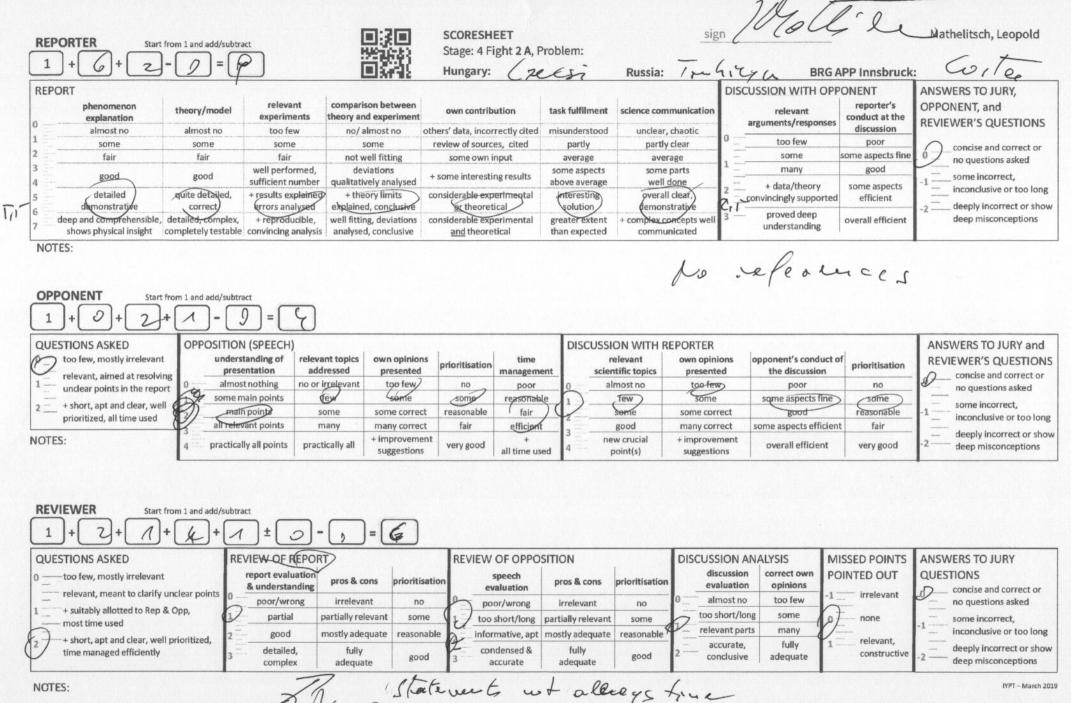
adequate

complex

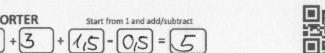
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adequate

deep misconceptions



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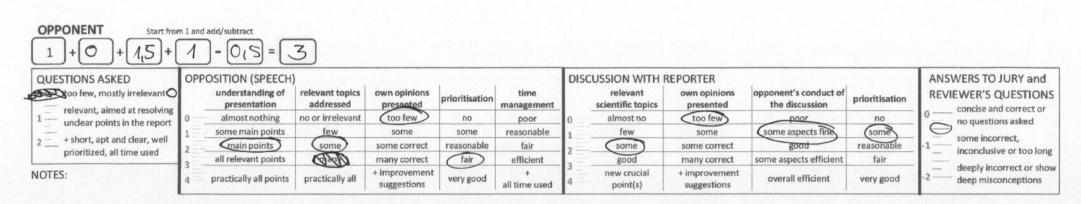
Stage: 4 Fight 2 A, Problem: 13 Hungary: Haval Copici

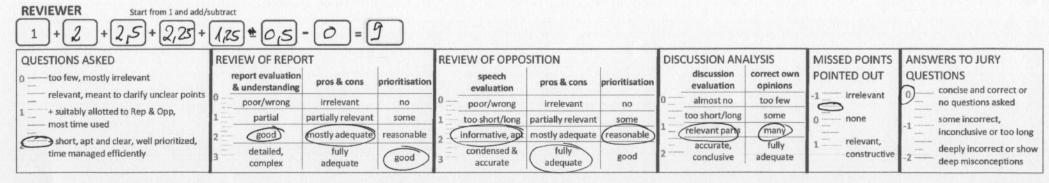
**BRG APP Innsbruck:** 

PO	RT							DIS	CUSSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIO
	almost no	almost no	too few	( no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic		arguments/responses	discussion	NEVIEWER'S QUESTIO
	some	some	some	some	review of sources, cited	partly	partly clear	0	too few	poor	concise and correct
	fair	fair	fair	not well fitting	some own input	average	average	-	some	some aspects fine	0 no questions asked
	good	good	well performed, sufficient number	deviations ( qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	=	+ data/theory	good some aspects	some incorrect,
	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear,	2 -	_convincingly supported	efficient	inconclusive or too
d	leep 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 ounderstanding		overall efficient	deep misconception

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