sign Karkin Taxxeedan SCORESHEET REPORTER Start from 1 and add/subtract Stage: 1 Fight 2 B, Problem: Slovenia: Marolf (Opp) BG/BRG Villach 2: Way (Res) GYPT: Baier (Rep REPORT **DISCUSSION WITH OPPONENT** ANSWERS TO JURY. relevant comparison between phenomenon reporter's OPPONENT, and theory/model own contribution task fulfilment science communication relevant explanation experiments theory and experiment conduct at the **REVIEWER'S QUESTIONS** arguments/responses discussion almost no almost no no/almost no too few others' data, incorrectly cited misunderstood unclear, chaotic some too few poor some some some review of sources, cited partly partly clear concise and correct or fair fair fair not well fitting average some some aspects fine some own input average no questions asked well performed, deviations many good some aspects some parts good good + some interesting results some incorrect. sufficient number qualitatively analysed 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 deeply incorrect or show demonstrative correct errors analysed explained, conclusive or theoretical solution demonstrative proved deep deep and comprehensible, detailed, complex, + reproducible. well fitting, deviations overall efficient deep misconceptions considerable experimental greater extent + complex concepts well 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 too few, mostly irrelevant understanding of relevant topics own opinions opponent's conduct of time relevant own opinions **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 undear points in the report 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 X many correct fair efficient good many correct some aspects efficient fair deeply incorrect or show + improvement NOTES: new crucial + improvement practically all points practically all overall efficient very good very good deep misconceptions suggestions all time used point(s) suggestions REVIEWER Start from 1 and add/subtract QUESTIONS ASKED REVIEW OF REPORT REVIEW OF OPPOSITION **DISCUSSION ANALYSIS** MISSED POINTS ANSWERS TO JURY

speech

evaluation

poor/wrong

condensed &

accurate

pros & cons

irrelevant

fully

adequate

too short/long partially relevant

informative, apt | mostly adequate

prioritisation

no

some

reasonable

good

discussion

evaluation

almost no

too short/long

relevant parts

accurate,

conclusive

correct own

opinions

too few

some

many

fully

adequate

POINTED OUT

irrelevant

none

relevant,

constructive

QUESTIONS

0 * concise and correct or

some incorrect,

no questions asked

inconclusive or too long

deeply incorrect or show

deep misconceptions

NOTES:

too few, mostly irrelevant

time managed efficiently

most time used

* relevant, meant to clarify unclear points

+ short, apt and clear, well prioritized,

1 . 1 . . .

+ suitably allotted to Rep & Opp,

report evaluation

& understanding

poor/wrong

partial

good

detailed.

complex

pros & cons

irrelevant

partially relevant

mostly adequate

fully

adequate

prioritisation

no

some

reasonable

good

convincingly supported

proved deep

understanding

Schweitzer, Susanne

inconclusive or too long

deeply incorrect or show

deep misconceptions

REPORTER Start from 1 and add/subtract

theory/model

almost no

some

fair

good

quite detailed,

correct

shows physical insight completely testable 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

relevant

experiments

too few

some

fair

well performed,

sufficient number

+ results explained

errors analysed

+ reproducible,

SCORESHEET

own contribution

others' data, incorrectly cited

review of sources, cited

some own input

* some interesting results

considerable experimental

or theoretical

considerable experimental

and theoretical

Stage: 1 Fight 2 B, Problem:

GYPT: Reporter Baier

task fulfilment

misunderstood

partly

average

some aspects

above average

interesting

solution

than expected

Slovenia: Opposed Parelf BG/BRG Villach 2: Re

science communication

unclear, chaotic

partly clear

average

some parts

well done

overall clear,

demonstrative

communicated

greater extent + complex concepts well

reel	- MOLLEL BRIB	RG VIllach 2:	ventur way
DIS	CUSSION WITH OPE	PONENT	ANSWERS TO JURY,
	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT, and REVIEWER'S QUESTIONS
0	too few	poor	concise and correct or
	some	some aspects fine	no questions asked
1	many	good	
2 -	+ data/theory	søme aspects	some incorrect,

efficient

overall efficient

NOTES:

REPORT

phenomenon

explanation

almost no

some

fair

good

^detailed

demonstrative

deep and comprehensible, detailed, complex,

OPPONENT Start from	0 ₁ +5	add/subtract	को ५									
QUESTIONS ASKED	OPP	OSITION (SPEECH))				DISC	USSION WITH I	REPORTER			ANSWERS TO JURY and
0 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
undear points in the report	0	almost nothing	no or irrelevant	too few	no,	D oor	0	almost no	too few	родя	ng-	no questions asked
	1	some main points	New	some	søme	reasonable	1	few	some	some aspects fine	some	
2 — + short, apt and clear, well prioritized, all time used	2	main points	some	some correct	reasonable	fair	2	some	some correct	good	reasonable	some incorrect, inconclusive or too long
prioritized, all time used	3	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	-2 deeply incorrect or show deep misconceptions

REVIEWER Start from 1 and add/s 1 + 125 + 2 + 2 +	(115) ± 0	- 0 = 3	7,57 8									
QUESTIONS ASKED	REVIEW OF REPO	RT		REV	IEW OF OPPO	SITION		DIS	CUSSION ANA	ALYSIS	MISSED POINTS	ANSWERS TO JURY
0 ——too few, mostly irrelevant	report evaluation & understanding	nros & cons	prioritisation		speech evaluation	pros & cons	prioritisation		discussion evaluation	correct own opinions	POINTED OUT	QUESTIONS concise and correct or
relevant, meant to clarify unclear points + 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	-	too short/long	some	o7— none	some incorrect,
+ short, apt and clear, well prioritized,	2 good	mostly adequate	reasonable	2	informative, apt	mostlyadequate	reasonable	<u>-</u>	relevant parts	many	relevant,	- inconclusive or too long
time managed efficiently	detailed, complex	fully adequate	good	3	condensed & accurate	fully adequate	good	2	accurate, conclusive	fully adequate	constructive	-2 — deeply incorrect or show deep misconceptions

NOTES:

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1 . 1 . . .

REPORTER Start f	from 1 and add/subtra	ct	10 X 10 153 102 4	SCORESH Stage: 1 F		oblem: 15	-	sign	shed Por	لت	Dorn, Gerhard
1 + 4 + 1,8	- [] = []	7	回祭	GYPT: R	leporter-	Baler	Slovenia:	Opponent	-Karelt BG	BRG Villach 2:	Review - Wang
REPORT phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contrib	1	task fulfilment	science commu	DISC	USSION WITH O	PPONENT reporter's	ANSWERS TO JURY, OPPONENT, and
almost no	almost no	too few	no/ almost no	others' data, inco	rrectly cited	misunderstood	unclear, cha	aotic	arguments/respons	discussion	REVIEWER'S QUESTIONS
some	some	some	some	review of source		partly	partly cle	and the state of t	too few	poor	concise and correct or
fair	fair	fair well performed,	not well fitting	some own	in the second second	average	average	The factor of the last of the	some	some aspects fine	no questions asked
4 Ø good	good	sufficient number	deviations qualitatively analysed	+ some interest	ing results	some aspects above average	some par well don	Teacher.		good	-1 some incorrect,
5 % detailed	quite detailed,	+ results explained	+ theory limits	considerable exp	-	interesting	overall cle	2	+ data/theory convincingly support	some aspects ted efficient	inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theore		solution	demonstra	tive	proved deep		-2 deeply incorrect or show
deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable exp		greater extent than expected	+ complex conc		understanding	overall efficient	deep misconceptions
by simulation app	prese almost some m all relev practicall	(SPEECH) anding of relevantation addition in points and	trequencies Seem not to match that ch that c	no some t reasonable t fair	poor peasonable fair efficient + all time used	t scient alr	have de hew de livear ind ac anclus ON WITH REP elevant tiffic topics most no few some good	cay rake iret sin I som	relevant,	ct of prioritisation no ne o some reasonable ient 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/subtra	ct	-	1,0				7			
1+2+7,5+	+ 2 + 11	5 ± [-0,3] -	0 = 9	1,2	5 = 1,74						
QUESTIONS ASKED 1 too few, mostly irrelevant relevant, meant to clarify u + suitably allotted to Rep 8 most time used + short, apt and clear, well time managed efficiently	unclear points 0		pros & cons prioritis irrelevant no artially relevant som nostly adequate Oreason fully adequate goo	o po			prioritisation 0 some 1	discussion evaluation evaluation almost no too short/lo relevant par accurate, conclusive	correct own opinions too few some rts pmany fully	MISSED POINTS POINTED 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:										have critical autreomparison	(YPT ~ March 2019

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REPO	ORTER 9 Start fro	m 1 and add/subtra	ect		SCORESHEE Stage: 1 Figh	nt 2 B, Pro		Slovenia: Kar	olf	(Opp) BG/BR	RG Villach 2: (Hömöstrei, Mihály Wang (Rev)
REPOI	phonomonon	theory/model	relevant experiments too few	comparison betwee theory and experime no/almost no	n own contributi	ion ta	ask fulfilment	science communication		relevant arguments/responses		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
1	some	some	some	some	review of sources,	metric for the second second second	partly	partly clear	0	too few	poor	
2	fair	fair	fair X	not well fitting	some own inp		average	average	-		some aspects fine	concise and correct or no questions asked
3 💥		V	well performed				some aspects×	some parts	1 -		good	
5	good detailed demonstrative	good quite detailed,	+ results explaine errors analysed	qualitatively analyse + theory limits	d + some interesting considerable experi	mental	bove average interesting solution	well done overall clear, demonstrative	2 -	+ data/theory convincingly supported	some aspects efficient	some incorrect, inconclusive or too long deeply incorrect or show
	eep and comprehensible, de	etailed, complex, mpletely testable	+ reproducible,	well fitting, deviation	s considerable experi	mental g	reater extent	+ complex concepts well communicated	3	proved deep understanding	overall efficient	deep misconceptions
	S: 1 rete 9 DNENT Start fro + 1,5 + 1,5 +	m 1 and add/subtra	legens									
QUEST	TIONS ASKED	OPPOSITION	(SPEECH)				DISCUSSION	ON WITH REPORTER				ANSWERS TO JURY and
-	too few, mostly irrelevant relevant, aimed at resolving		Control of the Contro	vant topics own opin	prioritisation	time nanagement		elevant own opin		opponent's conduct of the discussion	f prioritisation	REVIEWER'S QUESTIONS o ——— concise and correct or
1 1	unclear points in the report	0 almos	t nothing no o	r irrelevant too fe	v no	poor	0 al	most no too fe	٧	poor	no	no questions asked
X	+ short, apt and clear, well	1 some m	nain points	few some	some	reasonable	1	few some		some aspects fine	some	some incorrect,
2	silor, apt and clear, well	main	points	some some cor	rect reasonable	fair	1	some some cor	rect .	good	reasonable×	-1 Some moonect,

REVIEWER Start from 1 and add/s	$ \begin{array}{c} \text{ubtract} \\ 1 \\ \hline $	- 0 =	}									
QUESTIONS ASKED	REVIEW OF REPO	ORT		REVI	EW OF OPPO	SITION		DISC	CUSSION ANA	ALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrelevant relevant, meant to clarify unclear points	report evaluation & understanding	nros & cons	prioritisation		speech evaluation	pros & cons	prioritisation		discussion evaluation	correct own opinions		QUESTIONS concise and correct or
	poor/wrong	irrelevant	no	0	poor/wrong	irrelevant	no	0	almost no	too few	-1 irrelevant	no questions asked
1 + suitably allotted to Rep & Opp, most time used	1 partial	partially relevant	some	1	too short/long	partially relevant	some		too short/long	some	0 none	some incorrect,
+ short, apt and clear, well prioritized,	2 good	mostly adequate	reasonable	X	informative, apt	mostly adequate	reasonable	1 ×	relevant parts	many	X	inconclusive or too long
time managed efficiently	detailed, complex	fully adequate	good	3	condensed & accurate	fully adequate	good	2	accurate, conclusive	fully adequate	1 relevant,	-2 deeply incorrect or show deep misconceptions

efficient

all time used

some

new crucial

point(s)

some correct

many correct

+ improvement

suggestions

some aspects efficient

overall efficient

NOTES:

NOTES:

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inconclusive or too long

deeply incorrect or show

deep misconceptions

reasonable×

fair

very good

1 . 1 . . . 1.1 14 401

prioritized, all time used

main points

all relevant points

practically all points

many

practically all

many correct

+ improvement

suggestions

very good

REPORTER	Start from 1 a	nd add/subt	ract	回然回	SCORESHEET Stage: 1 Fight 2 B,	Problem: 15	sig	gn A		Klingenböck, Anna Maria
1 + 5 +	2,5)-[0	2]=[8					Malija Warolt Bo	6/BRG Villach 2:	ROV Alice W.
REPORT phenomeno explanation	tneo	ry/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	DISCUSSION WITH (OPPONENT reporter's	ANSWERS TO JURY, OPPONENT, and
almost no	alr	nost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respon	discussion	REVIEWER'S QUESTIONS
some		ome	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, 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 demonstrativ deep and compreh shows physical ir	ensible, detaile		4 results explained errors analysed + reproducible, convincing analysis	explained, conclusive well fitting, deviations	considerable experimental or theoretical considerable experimental and theoretical	interesting solution greater extent than expected	overall clear, demonstrative + complex concepts well communicated	2 + data/theory convincingly support 3 proved deep understanding	efficient overall efficient	inconclusive or too long deeply incorrect or show deep misconceptions
NOTES: - MISSIN + elabor + well OPPONENT 1 + 1 + 1 +	Struckine	P		Hers? Limin!		slower	nayloe shorter,	– missi – Simu	ig: Alflerent Lation (a	alignments ald be gotimised
QUESTIONS ASKED too few, mostly in relevant, aimed at unclear points in t + short, apt and cl prioritized, all tim	relevant t resolving the report lear, well e used 3	under pres almo some i mai all rele	entation added to the strothing no or main points no points vant points	ant topics own opinion presented irrelevant too few some ome some correctically all	no poor some reasonable fair efficient very good all time us	seed or scient rescient scient scient scient rescient res	ON WITH REPORTER elevant own opin rtific topics present most no too fer few some some some some or good many cor w crucial + improve soint(s) suggestie	the discussion poor some aspects firect good rect some aspects efficient overall efficient	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
+ noticed pre	oblém wi	th Sic	nulation v	s. Experiment		Time man				
REVIEWER	Start from 1 a	nd add/subtr	act		(' '	and en				
1 + 1 +	2)+2	+	1)±0)-	0=7						
QUESTIONS ASKED too few, mostly in relevant, meant to suitably allotted most time used + short, apt and cl time managed eff	o clarify unclear I to Rep & Opp, lear, well prioriti iciently	points 0	good detailed, complex	pros & cons prioriti irrelevant no partially relevant son mostly adequate fully adequate good	evaluation 0 poor/wrong 1 too short/long able informative, apt condensed &	pros & cons irrelevant partially relevant	no discrete no discrete no la	scussion aluation opinions most no too few short/long some vant parts many curate, nclusive adequate	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
NOTES: + good	additio	ral p	2023 billies	to vary mal	erial + alignmen	ıt				IYPT – March 2019
+ 8000	d sam	mary								

REPORTER Start	from 1 and add/subtra	oct		SCORESHEET			sign	MINE		Werbach, Katharina
1+3+5	- 000 = 3			Stage: 1 Fight 2 B, F GYPT: Baier C		Slovenia:	Morrolt	(Opp) BG	i/BRG Villach 2:	Wang (Reve)
NOTES: explorin a	completely testable	son al	some 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 of the complex concommunication of the communication of the communicati	baunication haotic lear ge 1 arts one 2 lear, rative ccepts well 3	relevant arguments/respon too few some many + data/theory convincingly suppor proved deep understanding	ses 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 o questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
QUESTIONS ASKED too few, mostly irrelevant relevant, aimed at resolvir undear points in the repor + short, apt and clear, well prioritized, all time used NOTES:	ng prese 0 almos 1 some m 2 mair 3 all relev	relevanted and add thothing no or lain points so ant points mant points mant points pract	nt topics own opinion presented too few some some corrections with the presented too few some some corrections with the presented too few some some corrections with the presented too few some correc	no poor reasonable fair efficient t very good +	rent scien 0 all 1 2 3 need 4 p	ON WITH RElelevant httific topics most no few some good w crucial point(s)	PORTER own opinions presented too few some some correct many correct + improvement suggestions	opponent's condu the discussion poor some aspects fi good some aspects effic overall efficier	no 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 1 too few, mostly irrelevant relevant, meant to clarify the suitably allotted to Rep & most time used + short, apt and clear, well time managed efficiently	unclear points 0	1	pros & cons prioritis irrelevant no partially relevant som nostly adequate reason fully adequate goo	evaluation poor/wrong too short/long able informative, apt condensed &	pros & cons irrelevant partially relevant	prioritisation no some reasonable good	DISCUSSION / discussion evaluatio almost no too short/lo relevant pa accurate, conclusive	n correct own opinions too few some arrts many fully	MISSED POINTS POINTED OUT -1 irrelevant none relevant, constructive	ANSWERS TO JURY QUESTIONS 0 concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions

REPORTER Start f	rom 1 and add/subtra	ct		XIII	SCORESH					sig	COLUMN TO SERVICE STATE	ather.	-		eiter, Martin
1 + 5 + 2.5	-05=8	3	3/6	编		Fight 2 B, P : Stral			BG/BRG	Villach 2:	Sm	1/2 (90) GYF	T: Westph	N(Rev)	
REPORT											DISCI	USSION WITH O	PPONENT	ANSWERS TO	O JURY,
phenomenon explanation	theory/model	relevant experiments	comparison theory and ex		own contri	bution	task fulfi	Iment :	science com	nmunication		relevant arguments/respons	reporter's conduct at the	OPPONENT,	and QUESTIONS
almost no	almost no	too few	no/almo	st no oth	ers' data, inco	rrectly cited	misunde	rstood	unclear,	, chaotic	0		discussion	METHER S	QUESTIONS
some	some	some	some		eview of sour	ces, cited	part	ly	partly	clear		too few	poor	concise	e and correct or
fair	fair	fair	not well f	merconilla mana and an an an	some own	input	avera	ge	aver	rage	1	some	some aspects fine	0 no que	stions asked
good	≺ good	well performed, sufficient numbe	deviation deviat	4	some interest	ting results	some as above av		some well	Marian Comment	-	+ data/theory	good some aspects	7	ncorrect, lusive or too long
5 detailed	quite detailed,	+ results explaine			nsiderable ex		interes		overal		- 0	onvincingly support			
6 demonstrative	correct	errors analysed	to and property the salar of the service dates store		or theore	OF THE PARTY OF TH	soluti		demon	CARCOL STORY, A STREET, SANS	2	, proved deep	X		incorrect or show
deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ reproducible,	well fitting, d is analysed, co		nsiderable ex and theor		greater e		+ complex commu	oncepts well	2 7	understanding	overall efficient	deep m	nisconceptions
OPPONENT Start	from 1 and add/subtra	ct = [4													
QUESTIONS ASKED	OPPOSITION	(SPEECH)					DIS	CUSSIO	N WITH R	EPORTER				ANSWERS	TO JURY and
0 too few, mostly irrelevant relevant, aimed at resolving	nrese			wn opinions presented	prioritisation	time	ent		evant fic topics	own opinio	Wilder of the Control	opponent's conductive the discussion	t of prioritisation		'S QUESTIONS
undear points in the repor	A almond	nothing no o	rirrelevant	too few	no	poor	0	alme	ost no	too few	1	poor	no		e and correct or estions asked
		ain points	few	some	some	reasonabl	le 1	× f	ew	some	5	some aspects fin	e K some		
2 - + short, apt and clear, well	2 main	points ×	some K so	ome correct	reasonable	fair	1,	SC	ome x	< some corr	ect	good	reasonable	1 -1	incorrect,
prioritized, all time used	all relev	ant points	many m	any correct	fair	efficient	4	go	bood	many corr	ect	some aspects effici	ent fair		clusive or too long
NOTES:	4 practical	y all points pra	ctically all	mprovement uggestions	very good	all time use	ed 4		crucial int(s)	+ improven suggestio		overall efficient	very good		incorrect or show misconceptions
REVIEWER Start f	rom 1 and add/subtra	ct													
1+2+2+	2+1	± 1	- =	9											
QUESTIONS ASKED	RE	VIEW OF REPO	RT	Chresis.	REVIEW	OF OPPOS	SITION			DISCUSS	ION AI	NALYSIS	MISSED POINTS	ANSWERS TO	OJURY
0too few, mostly irrelevant		report evaluation & understanding	pros & cons	prioritisation	on	speech valuation	pros & c	cons pr	rioritisation	disc	cussion	correct own	POINTED OUT	QUESTIONS	
relevant, meant to clarify u	inclear points 0	noor/wrong	irroloupat		0	,					nost no	too few	1 irrelevant	0 × concise	and correct or

irrelevant

fully

adequate

informative, apt mostly adequate reasonable

some

good

too short/long partially relevant

poor/wrong

condensed &

accurate

0 1 . -

NOTES: Assumption of pendulum model dullarged

irrelevant

partially relevant

fully

adequate

Amostly adequate Areasonable

no

some

good

poor/wrong

partial

good

detailed,

complex

1 . 1. . .

+ suitably allotted to Rep & Opp,

2 × + short, apt and clear, well prioritized,

time managed efficiently

---- most time used

no questions asked

inconclusive or too long

deeply incorrect or show

deep misconceptions

some incorrect,

constructive

none

1 × relevant,

almost no

too short/long

accurate,

conclusive

* relevant parts

too few

some

many

fully

adequate

REPORTER Start	from 1 and add/subtra	ct		SCORESHEET	Problem: 3		Sign	11/100	*	Schweitzer, Susanne
1 + 35 + 2	-0 = 6	刑十	普级的	Stage: 2 Fight 2 B, F	trac.	DC (DDC VIII		Smale Omorul G	0.,	12 Inhal
		12) 1	(E192.00)	Slovenia: Pericu	keporke	BG/BRG Villa		- 1/10	, , , , , , , , , , , , , , , , , , , ,	
REPORT								DISCUSSION WITH		ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communic	cation	relevant	reporter's conduct at the	OPPONENT, and
0 almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaot	tic	arguments/respo	discussion	REVIEWER'S QUESTIONS
some	some	some	some	review of sources, cited	partly	partly clear		too few	poor	concise and correct or
2 fair	' fair	fair	hot well fitting	some own input	average	average		some	some aspects fine	no questions asked
d good	good	well performed, sufficient number	deviations qualitatively analysed	ysome interesting results	above average	some parts well done		many	good	some incorrect,
5 detailed	quite detailed,	+ results explained	+ theory limits	/considerable experimental	interesting	overall clear,		+ data/theory		inconclusive or too long
6 demonstrative	correct	errors analysed	explained, conclusive	or theoretical	solution	/ demonstrativ		proved deep		deeply incorrect or show
deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concept communicate		understanding	overall efficient	deep misconceptions
NOTES:	- pietery testable		and you, continuate	und theoretical	alon expected	Communicate				
MOTES.										
OPPONENT Start	form 1 and add/author									
OFFOREIT Start	from 1 and add/subtra	(=2)	,							
1+1+15	+25-6)=[5/初	6							
QUESTIONS ASKED	OPPOSITION	(SPEECH)			DISCUSSION	ON WITH REPOR	DTED			ANSWERS TO JURY and
0 too few, mostly irrelevant			nt topics own opinion	s time			n opinio	ns opponent's cond	uct of	REVIEWER'S QUESTIONS
/relevant, aimed at resolvin	nrese		ressed presented	prioritisation manageme			resented		prioritisation	eoncise and correct or
undear points in the repor	n almos	tnothing no or i	rrelevant too few	no poor	o al	most no	too few	poor	no	no questions asked
+ short, apt and clear, well	1 some m	ain points f	ew some	some reasonab	le 1	few	some	some aspects	fine some	some incorrect.
prioritized, all time used	2 mair	points so	oprie some correc			some sor	me corre	ct good	reasonable	inconclusive or too long
prioritized, dir time data	all relev	ant points m	any many correct	t fair efficient	1 3 /	good ma	ny corre	ct some aspects eff	icient / fair	
NOTES:	4 practical	ly all points pract	ically all + improvement		The state of the s		provem	OVERALI ETTICLE	nt very good	deeply incorrect or show deep misconceptions
	L		suggestions	all time us	ed '* p	point(s) su	ggestion	S	,,,	accp misconacpusin
REVIEWER Start f	from 1 and add/subtra	rt								
		7	0	A						
1 + 1,5 + 2	+ 2 + 1	1) ± [0,5] -	[]= [815]							
QUESTIONS ASKED	RE	VIEW OF REPORT		REVIEW OF OPPO	SITION	DIS	SCLISSI	ON ANALYSIS	MISSED POINTS	ANSWERS TO JURY
	1	report evaluation			SITION			ussion correct own	POINTED OUT	QUESTIONS
		& understanding	pros & cons prioritis	sation speech evaluation	pros & cons	prioritisation		uation opinions	POINTEDOOT	francise and correct or
relevant, meant to clarify	unclear points 0	poor/wrong	irrelevant no	0	irrelevant	no 0 =	almo	ost no too few	-1 irrelevant	no questions asked
1 + suitably allotted to Rep 8	& Opp,		artially relevant son	poorymong	partially relevant		too she	ort/long some	0 none	some incorrect,
most time used	_=	, ,	nostly adequate reason	too short floring	mostly adequate	1	releva	nt parts mapy	7	inconclusive or too long
+ short, apt and clear, well	prioritized,	detailed,		2 - /	fully	Teasuriable		irate, fully	1 relevant,	deeply incorrect or show
time managed efficiently	3	complex	fully goo	od 3 condensed &	adequate	good 2	conc	dusive adequate	constructive	deep misconceptions
NOTES:										IYPT – March 2019

回家回

1 11 12 14

SCORESHEET

Schweitzer, Susanne

REPORTER Start 1 + 4 5 + 2,5	from 1 and add/subtra	act	回湖	S	SCORESHEET Stage: 2 Fight 2 B			sig				Klingenböck, Anna Maria				
REPORT phenomenon explanation	theory/model	relevant experiments	comparison betw	een ment	ilovenia: Rep.	task fulfilmen	science com	munication	DISCUSSION		reporter's conduct at the	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS				
almost no some	almost no some	too few some	no/ almost no some	Charles and the second	data, incorrectly cite				0to	o few	discussion poor					
2 fair	fair	fair	not well fitting	The Committee of the Co	ew of sources, cited some own input	partly	partly		400000	ome	some aspects fine	o Concise and correct or				
3 good	⋉ good	well performed	deviations	+ sor	me interesting results	some aspects	some	parts	1	many	good	no questions asked				
5 detailed demonstrative	quite detailed, correct	+ results explaine errors analysed	+ theory limits	+consi	derable experimenta or theoretical		demonst	l clear,	convincing	ta/theory gly supported	/some aspects efficient	inconclusive or too long deeply incorrect or show				
deep and comprehensible, shows physical insight		+ reproducible, convincing analys	well fitting, deviatis analysed, conclus		derable experimenta and theoretical	greater extent than expected	+ complex commu			ed deep rstanding	overall efficient	deep misconceptions				
		+	very good g	structured +	red good graph	nies t	300d ompanise	on	+ good +o ch	reochio ilies	us – o	angel /weak controllings to				
QUESTIONS ASKED 1 too few, mostly irrelevant		tanding of rele	vant topics own op	pn	ioritisation tim	e	SION WITH R	own opini		nt's conduct o	prioritisation	ANSWERS TO JURY and REVIEWER'S QUESTIONS				
relevant, aimed at resolving	ng almos		dressed prese		no poo		entific topics almost no	too few		discussion poor	no	0 — concise and correct or				
unclear points in the repo	1 1/some m	nain points	few > sor		X _{some} X reason		few ,	✓ some		aspects fine	× some	no questions asked				
2 - + short, apt and clear, wel			some some o		easonable fair	- X	some	some corr	1	good	reasonable	some incorrect,				
prioritized, all time used	all relev	ant points	many many o	correct	fair efficie	ent	good	many corr	rect some as	pects efficien	t fair	inconclusive or too long				
NOTES:	4 practical	lly all points pra	ctically all + impro	ovement stions	very good + all time		ew crucial point(s)	+ improver suggestion	over	all efficient	very good	-2 deeply incorrect or show deep misconceptions				
	rious cal theory from 1 and add/subtra + 2 + 7	4	- 0 = 8													
QUESTIONS ASKED	RE	VIEW OF REPO	RT		REVIEW OF OPP	OSITION		DISCUSS	ION ANALYSIS	s M	ISSED POINTS	ANSWERS TO JURY				
0 — too few, mostly irrelevant		report evaluation & understanding	pros & cons pr	ioritisation	speech evaluation	pros & cons	prioritisation			ect own PC	POINTED OUT QUESTIONS					
relevant, meant to clarify		poor/wrong	irrelevant	no	0 - poor/wrong	irrelevant	no	0 aln	nost no too	o few	irrelevant 0 - Concise and correct					
+ suitably allotted to Rep 8	& Opp,	partial	partially relevant	some	1 too short/lon	g partially relevan	t some	toos	hort/long so	ome 0	none	some incorrect,				
	, , , , , , , =	X good	mostly adequate	easonable		nt) mostly adequat		1 _ relev	ant parts m		X	-1 inconclusive or too long				
+ short, apt and clear, wel time managed efficiently	prioritized,	detailed,	fully adequate	good	condensed &	4	good	13		fully 1 -	relevant, constructive	-2 deeply incorrect or show deep misconceptions				

NOTES: relevant new points ogod reviews

IYPT - March 2019

SCORESHEET Hömöstrei, Mihály REPORTER Start from 1 and add/subtract Stage: 2 Fight 2 B, Problem: 9 Antain W. - Rev Slovenia: Mauca S-Rep BG/BRG Villach 2: La DISCUSSION WITH OPPONENT REPORT ANSWERS TO JURY, comparison between phenomenon relevant reporter's OPPONENT, and theory/model own contribution task fulfilment science communication relevant explanation experiments theory and experiment 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 some review of sources, cited partly clear partly concise and correct or fair fair, fair not well fitting average X some some aspects fine some own input average no questions asked well performed good deviations some aspects X many X some parts + some interesting results good good some incorrect. sufficient number qualitatively analysed above average well done some aspects + data/theory inconclusive or too long detailed quite detailed, + results explained + theory limits X considerable experimental interesting overall clear. convincingly supported efficient demonstrative correct errors analysed explained, conclusive or theoretical solution demonstrative deeply incorrect or show proved deep deep and comprehensible, detailed, complex, deep misconceptions + reproducible. well fitting, deviations considerable experimental greater extent + complex concepts well overall efficient understanding shows physical insight completely testable convincing analysis analysed, conclusive and theoretical than expected communicated presentation. I still down't got) why the u GN? NOTES: **OPPONENT** Start from 1 and add/subtract **OUESTIONS ASKED** OPPOSITION (SPEECH) **DISCUSSION WITH REPORTER** ANSWERS TO JURY and too few, mostly irrelevant understanding of opponent's conduct of relevant topics own opinions time relevant own opinions 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 too few no poor poor unclear points in the report no questions asked few some main points some × some some reasonable few some some aspects fine + short, apt and clear, well some incorrect, main points some some correct reasonable fair some some correct X good reasonable inconclusive or too long prioritized, all time used all relevant points many many correct fair efficient good many correct some aspects efficient fair deeply incorrect or show + improvement NOTES: new crucial + improvement practically all points practically all overall efficient very good very good deep misconceptions suggestions all time used point(s) suggestions

1+45+2+2+	1 ± 0,2	- 0 =	8							
QUESTIONS ASKED	REVIEW OF REPO	RT		REVIEW OF OPPO	SITION		DISCUSSION AN	ALYSIS	MISSED POINTS	ANSWERS TO JURY
0 — too few, mostly irrelevant relevant, meant to clarify unclear points	report evaluation & understanding	nroc & cone	prioritisation	speech evaluation	pros & cons	prioritisation	discussion evaluation	correct own opinions	POINTED OUT	QUESTIONS concise and correct or
	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 short/long	partially relevant	some	too short/long		0 none	some incorrect,
+ short, apt and clear, well prioritized,	2 X good	mostly adequate	reasonable	, Kinformative apt	mostly adequated	reasonable	relevant parts			inconclusive or too long
time managed efficiently	3 detailed, complex	fully adequate	good	condensed & accurate	fully adequate	good	2 accurate, conclusive	fully adequate	1 relevant,	deeply incorrect or show deep misconceptions

NOTES:

REVIEWER

Start from 1 and add/subtract

.

REPORTER Start	from 1 and add/subtra	ect		SCORESH Stage: 2 F	EET	rohlem:		sig	in Ger	hudh	-	Dorn, Gerhard
1 + 5 + 2	-[0]=[2	8				er-Straf	BG/BRG	Villach 2:	Onom	- Smale GYPT	· Review	er-Westpokal
REPORT				Otoverna	reports	, g				ION WITH OP		ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contrib	oution	task fulfilment	science com	munication	argu	relevant ments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, inco	Military and the second of the second	misunderstood	unclear,		0		discussion	METICITE IN S GOLSTIONS
some	some	some	some	review of source		partly	partly			too few some	poor some aspects fine	concise and correct or
fair	fair	fair well performed,	not well fitting deviations	some own	input	average	avera		1	many	good	no questions asked
4 good	good	sufficient number	qualitatively analysed	+ some interest	ing results	some aspects above average	some j	SCORE COUNTY OF THE PARTY OF TH				some incorrect,
5 Ø detailed 6 demonstrative	quite detailed, correct	+ results explained errors analysed	the state of the s	considerable exp		interesting C solution	overall	Contract against the second of the contract of	convi	+ data/theory incingly supported	efficient	inconclusive or too long deeply incorrect or show
deep and comprehensible,	detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable exp		greater extent than expected	+ complex co	ncepts well	-	proved deep inderstanding	overall efficient	deep misconceptions
OPPONENT Start 1 + 1/3 + 1/5	from 1 and add/subtra	2 = BB	2 moterials into	ebibiare)								
QUESTIONS ASKED too few, mostly irrelevant	nross	tanding of releva	nnt topics own opinion presented	prioritisation	time manageme	n	ON WITH RE	own opini		onent's conduct	of prioritisation	ANSWERS TO JURY and REVIEWER'S QUESTIONS
relevant, aimed at resolvi	ng almos		irrelevant too few	no	poor		most no	presente too few		poor	no	0 concise and correct or
undear points in the repo	1 Osome m		few some	some	reasonable		few	some		ome aspects fine	some	no questions asked
+ short, apt and clear, well prioritized, all time used	mair	points s	ome some correc	t reasonable	fair	20	some	some corr	-	good	reasonable	some incorrect,
prioritized, all time used	all relev	ant points r	nany many correc	t o fair	efficient	2	good	many corr	rect Son	ne aspects efficier	t fair	inconclusive or too long
NOTES:	4 practical	ly all points prac	+ improveme suggestions	very good	+ all time use	A	w crucial point(s)	+ improver suggestio	ment	overall efficient	very good	deeply incorrect or show deep misconceptions
1, 2 3, 4 7, 6 Start 1 + 1 + 1, 2	5 = 1,5 from 1 and add/subtra + Z + 0,0	+: Ovlle	de to test be condi- beats	mard ipop o length could mobile	moss, t	-module						
QUESTIONS ASKED	RE	VIEW OF REPOR	T	REVIEW	OF OPPOS	SITION		DISCUSS	ION ANAI	YSIS N	ISSED POINTS	ANSWERS TO JURY
0 too few, mostly irrelevant		report evaluation	pros & cons prioriti	sation	speech	pros & cons	prioritisation		SCHOOL STREET,		DINTED OUT	QUESTIONS
relevant, meant to clarify	unclear points	& understanding		e	aluation	pros accords	promisation		aluation	opinions	irrelevant	0 concise and correct or
1 + suitably allotted to Rep	& Opp.	poor/wrong	irrelevant no	po po	or/wrong	irrelevant	no	0	nost no	too few		no questions asked
most time used	1 =	o partial	partially relevant son	ie 1 too	short/long	partially relevant	some	4	hort/long O		none	some incorrect,
+ short, apt and clear, wel	Il prioritized,	good	mostly adequate reason	able 2 Jinfor	mative, apt	mostly adequate	reasonable	SALES SECTION	ant parts	rolovant		inconclusive or too long
time managed efficiently	3	detailed, complex	fully good	d 13	ndensed & loccurate	fully adequate	good	4	curate, nclusive	fully adequate	constructive	-2 — deeply incorrect or show deep misconceptions
NOTES:				Cots	s of pu	ants						IYPT – March 2019

4,8 3 5 (2650) 33,3:

signUlllelal Werbach, Katharina SCORESHEET REPORTER BG/BRG Villach 2: Smale - app GYPT: Wedpland - Rev Start from 1 and add/subtract Stage: 2 Fight 2 B, Problem: 3 Slovenia: Shall - Rep REPORT **DISCUSSION WITH OPPONENT** ANSWERS TO JURY. relevant comparison between phenomenon reporter's OPPONENT, and theory/model own contribution task fulfilment science communication relevant explanation experiments theory and experiment conduct at the arguments/responses **REVIEWER'S QUESTIONS** almost no almost no discussion too few no/ almost no others' data, incorrectly cited misunderstood unclear, chaotic some some some some review of sources, cited too few poor partly partly clear 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 parts many good some aspects good good + some interesting results some incorrect. qualitatively analysed sufficient number 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 proved deep deep and comprehensible, detailed, complex. + reproducible. well fitting, deviations considerable experimental + complex concepts well deep misconceptions greater extent overall efficient understanding shows physical insight completely testable convincing analysis analysed, conclusive and theoretical than expected communicated **OPPONENT** Start from 1 and add/subtract **OUESTIONS ASKED** OPPOSITION (SPEECH) **DISCUSSION WITH REPORTER** ANSWERS TO JURY and too few, mostly irrelevant understanding of relevant topics own opinions 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 unclear points in the report 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 efficient good many correct some aspects efficient fair deeply incorrect or show NOTES: + improvement new crucial + improvement practically all practically all points overall efficient very good very good deep misconceptions suggestions all time used point(s) suggestions REVIEWER Start from 1 and add/subtract

1	+19+28+10+	10 2 10	- =	8										
QUESTI	UESTIONS ASKED REVIEW OF REPORT					REVIEW OF OPPOSITION				CUSSION AN	ALYSIS	MISSED POINTS	ANSV	WERS TO JURY
	oo few, mostly irrelevant elevant, meant to clarify unclear points	report evaluation & understanding	nroe & cone	prioritisation		speech evaluation	pros & cons	prioritisation		discussion evaluation	correct own opinions	POINTED OUT	QUES	STIONS 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	0-	no questions asked
	nost time used	1 partial	partially relevant	some	1	too short/long	partially relevant	some	-	too short/long	some (0 none	1-	some incorrect,
1-+5	short, apt and clear, well prioritized,	2 good	mostly adequate	reasonable	2	informative, apt	mostly adequate	reasonable	-	relevant parts	many	relevant,	-1	inconclusive or too long
16	me managed efficiently	detailed, complex	fully adequate	good	3	condensed & accurate	fully adequate	good	2 -	conclusive	fully adequate	constructive	-2	deeply incorrect or show deep misconceptions

NOTES:

1 . 11 . . .

sign Rarbin T.



SCORESHEET

Stage: 3 Fight 2 B, Problem:

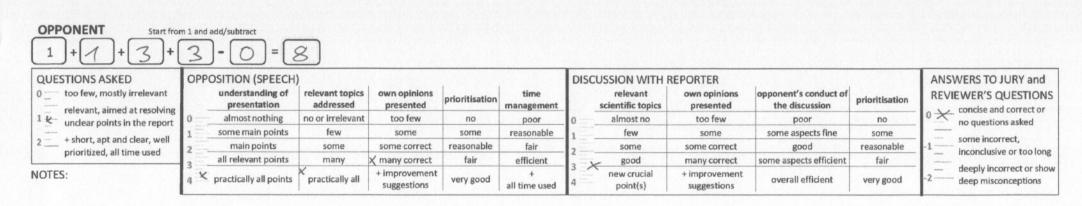
BG/BRG Villach 2:

GYPT:

Slovenia:

				hand Milds A	Do/Dito vittacii 2.	diri.			31046			
EPORT									USSION WITH OPP	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	λ too few	✗ no/almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/responses		discussion		
	some	some some some some review of sources, cit fair fair fair not well fitting ✓ some own input		review of sources, cited	partly	partly clear	too few poor			concise and correct or		
	fair			not well fitting	✓ some own input §	average	average		some	some aspects fine	no questions asked	
X	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	× some parts well done	many h		good sometr	some incorrect, inconclusive or too long deeply incorrect or show	
	detailed demonstrative	quite detailed, + results explained + theory limits x correct errors analysed explained, conclusive		+ theory limits explained, conclusive	considerable experimental	interesting solution	overall clear, demonstrative	2	convincingly supported	some aspects efficient		
Contract Con	and comprehensible, ows 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:



REVIEWER Start from 1 and add/s 1 + 1.5 + 2.5 + 2.5 +	1.5 ±	=	7							
QUESTIONS ASKED	REVIEW OF OPPO	SITION		DISCUSSION AN	ALYSIS	MISSED POINTS	ANSWERS TO JURY			
0 — too few, mostly irrelevant	report evaluation & understanding	nroc & cone	prioritisation	speech evaluation	pros & cons	prioritisation	discussion evaluation	correct own opinions	POINTED OUT -1 irrelevant none	QUESTIONS 10 concise and correct or no questions asked some incorrect, inconclusive or too long
relevant, meant to clarify unclear points	poor/wrong	poor/wrong irrelevant no	no	0 poor/wrong	irrelevant	no	0 almost no	too few		
+ suitably allotted to Rep & Opp, most time used	1 partial	partially relevant	some 1	1 too short/long	partially relevant	some	too short/long	some		
	2 good	mostly adequate	reasonable	informative, apt	mostly adequate	reasonable	relevant parts	×		
+ short, apt and clear, well prioritized, time managed efficiently	detailed, complex	fully adequate	≠ good	condensed & accurate	fully adequate	good	accurate, conclusive	fully adequate	1 relevant, constructive	-2 — deeply incorrect or show deep misconceptions

NOTES:

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1 + 3 + 1,25 -	om 1 and add/subtra	12 6				Problem: 16	GVDT.	Opporer		Slove	enia: Renicu	Schweitzer, Susanne
REPORT phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contrib		task fulfilment		nmunication	DISCUSSIO	ON WITH OP	PONENT reporter's	ANSWERS TO JURY, OPPONENT, and
almost no some fair good detailed demonstrative deep and comprehensible, de		too few some fair well performed, sufficient number + results explained + reproducible, convincing analysis	no/ almost no some not well fitting deviations qualitatively analysed + theory limits explained, conclusive well fitting, deviations	others' data, inco review of source some own + some interest considerable exp or theore considerable exp and theore	ces, cited input ing results perimental tical perimental	misunderstood partly average some aspects above average interesting solution greater extent than expected	partly aver some well overall demons	rage parts done I clear, strative oncepts well	01	too few some many data/theory cingly supported roved deep	some aspects fine good	REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions
OPPONENT Start from 1 + 277 + QUESTIONS ASKED	om 1 and add/subtra	et = 7,75	8									
0 too few, mostly irrelevant		anding of releva	ant topics own opinion	s prioritisation	time		ION WITH R	own opinio		nent's conduct	of prioritisation	ANSWERS TO JURY and REVIEWER'S QUESTIONS
	underst. presei 0 almost 1 some m 2 main 3 all releva	anding of releving addition and releving no or ain points points and points relevant points re	dressed presented irrelevant too few few some some orrect many correct timescope in the control of the control	no some t reasonable t fair	time manageme poor reasonabl fair efficient	ent scie	1		sor ect ect some	poor poor me aspects fine good e aspects efficier	no some reasonable nt fair	REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long deeply incorrect or show
too few, mostly irrelevant relevant, aimed at resolving unclear points in the report + short, apt and clear, well prioritized, all time used	underst prese almost some ma main all releva practicall am 1 and add/subtrac +	anding of nelevination addination no or ain points points ant points no or ain points points points points no or any all points prace	dressed presented irrelevant too few few some some orrect many correct tically all suggestions	no some t reasopable t fair ent very good	poor reasonabl fair	ent scie 0 3 1 2 2 3 3 - n	relevant entific topics almost no few some	own opinic presente too few some some corrr many corrr + improven suggestion	sor ect some	he discussion poor me aspects fine good e aspects efficient	no some reasonable	REVIEWER'S QUESTIONS concise and correct or no questions asked some incorrect, inconclusive or too long

too short/long partially relevant

condensed &

accurate

informative, apt mostly adequate reasonable

fully

adequate

too short/long

relevant parts

accurate,

conclusive

some

good

nany

fully

adequate

0 / none

relevant,

constructive

NOTES:

/ most time used

+ short, apt and clear, well prioritized,

time managed efficiently

partial

Mood

detailed,

complex

1 11 11 11 11 11 11 11

partially relevant

mostlyadequate

fully

adequate

some

reasonable

good

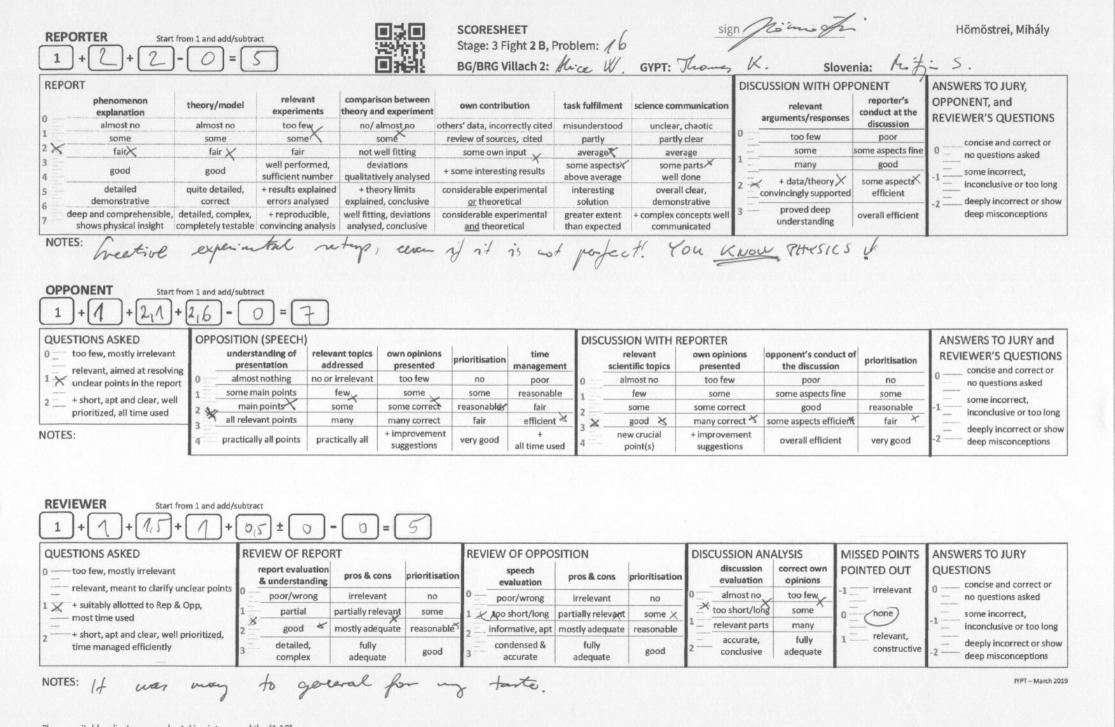
some incorrect,

inconclusive or too long

deeply incorrect or show

deep misconceptions

REPORTER Star	t from 1 and add/subtr	act		Stage: 3 Fight 2 B,	Problem: 1	6	sign		Klingenböck, Anna Maria	
1 + 4 + 2]-[0]=[7		BG/BRG Villach 2:			omes K. sl	ovenia: Rev.	Uilia S	
REPORT							DISCUSSION WITH	OPPONENT	ANSWERS TO JURY,	
phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	science communication	on relevant	reporter's	OPPONENT, and	
0 explanation almost no	almost no	experiments too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	arguments/respor	conduct at the	REVIEWER'S QUESTIONS	
1 some	some	some	some	review of sources, cited	partly	partly clear	0 too few	poor	concise and correct or	
2 fair	well performed. A deviations		onot well fitting	✓ some own input	average	average	some some	some aspects fine	concise and correct or no questions asked	
good			+ some interesting results	some aspects above average	some parts well done	many	good	some incorrect,		
5 detailed	X quite detailed,	+ results explained	+ theory limits	considerable experimental	interesting -	, overall clear,	+ data/theory convincingly suppo	'some aspects rted efficient	inconclusive or too long	
demonstrative deep and comprehensible	correct , detailed, complex,	errors analysed + reproducible,	explained, conclusive well fitting, deviations	or theoretical considerable experimental	solution greater extent	+ complex concepts w	ell 3 — proved deep	overall efficient	deeply incorrect or show deep misconceptions	
shows physical insight	completely testable	convincing analysis	analysed, conclusive	and theoretical	than expected	communicated	understanding			
CODONENT	t from 1 and add/subtr		on theory te	xpeniment-	4 9000	sulb (plob) It nowledg	e of theory			
QUESTIONS ASKED too few, mostly irrelevar	pres	standing of releva	nt topics own opinion ressed presented	prioritisation	r	ON WITH REPORTE	opponent's condi	prioritisation	ANSWERS TO JURY and REVIEWER'S QUESTIONS	
unclear points in the rep	0 almos	st nothing no or i	rrelevant too few	no poor	0 al	most no too	few poor	no	no questions asked	
+ short, apt and clear, we	1 some n		ew some	some reasonab	le 1	few sor	ne some aspects f	ine some	some incorrect,	
prioritized, all time used	2 V mail	1/	ome some correc	A X	6	some some o		reasonable	inconclusive or too long	
NOTES.	3 Call rele	vant points K m	many correct		3	good many o		cient fair	deeply incorrect or show	
NOTES:	4 practica	lly all points pract	ically all + improvement suggestions	Very good		w crucial + impro point(s) sugge	vement overall efficient	nt very good	-2 deep misconceptions	
0000000	discussion trom 1 and add/subtra		0 = 7							
QUESTIONS ASKED	RE	VIEW OF REPORT	Г	REVIEW OF OPPO	SITION	DISCU	SSION ANALYSIS	MISSED POINTS	ANSWERS TO JURY	
0too few, mostly irrelevan	nt	report evaluation	pros & cons prioriti	sation speech	pros & cons	nelavitication	discussion correct own	POINTED OUT	QUESTIONS	
relevant, meant to clarify	unclear points 0	& understanding		evaluation	pros actoris	prioritisation	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		artially relevant son	too short forig	partially relevant		o short/long some	0 none	some incorrect,	
+ short, apt and clear, w	ell prioritized,		nostly adequate keasor	able 2 Xinformative, apt	mostly adequate	reasonable	accurate, fully	1 relevant,	inconclusive or too long	
time managed efficiently	3	detailed, complex	fully goo	od 3 condensed & accurate	fully adequate	good 2	conclusive adequate	constructive	deeply incorrect or show deep misconceptions	
NOTES: + good - no	new poi	nls		•		,			IYPT – March 2019	
M 11 P 1	1 11 11 1	11 14 4 61								



REPORTER Start for 1 + 3 7 + 2, 7	rom 1 and add/subtra	act	回線回線	2 5		ight 2 B, F	Problem: 12			in Calualle		Dorn, Gerhard	
	ت ر		[232]	15 1	BG/BRG V	illach 2:	Reporter	GYPT:	Oppore			ewen	
REPORT phenomenon explanation	theory/model	relevant experiments	comparison between		own contrib	oution	task fulfilmen	t science com	nmunication	DISCUSSION WITH relevant	reporter's	ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS	
almost no	almost no	too few	no/ almost no	others	s' data, incor	rectly cited	misunderstood	d unclear,	, chaotic	arguments/respo	discussion	REVIEWER'S QUESTIONS	
some	some	some	g some		iew of source	es, cited	partly	partly	clear	too few	poor	concise and correct or	
fair	fair	fair	not well fitting		some own i	nput	average	ave	rage	some	some aspects fine	no questions asked	
4 o good	good	well performed, sufficient numbe	deviations qualitatively analy	+ 50	me interesti	ng results	some aspects above average		parts done	many	good	some incorrect,	
5 detailed demonstrative	quite detailed,	+ results explaine errors analysed		Ø cons	iderable exp		interesting	6 overal	l clear,	+ data/theory		inconclusive or too long deeply incorrect or show	
deep and comprehensible,		+ reproducible,	well fitting, deviati	ions cons	or theoret	erimental	solution greater extent	+ complex c		3 — proved deep understanding	overall efficient	deep misconceptions	
		,		ive	and theore	undi	than expected	commu	uncated				
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OUESTIONS ASKED	Lappacition	L/CDEECU'S					1					T	
QUESTIONS ASKED	OPPOSITION						DISCUS	SION WITH R				ANSWERS TO JURY and	
0 too few, mostly irrelevant	nross		dressed prese	n	rioritisation	time	out coi	relevant entific topics	own opini presente		prinritication	REVIEWER'S QUESTIONS	
18 relevant, aimed at resolving	g almos		irrelevant too		no			almost no	too fev		no	0 - concise and correct or	
unclear points in the report		nain points	few son		some	reasonab		few	some	y poor some aspects		no questions asked	
2 + short, apt and clear, well			some some c		easonable	fair	1	some	some corr		reasonable	some incorrect,	
prioritized, all time used	all relev	- 0	many many c	10	fair	Ø efficient	2	good	many corr			inconclusive or too long	
NOTES:	3		tically all + impro	vement	very good	+ all time us	3	new crucial point(s)	+ improver	ment Overall efficie	10	deeply incorrect or show deep misconceptions	
REVIEWER Start for 1 + 46 + 21 + 21 + 21 +	rom 1 and add/subtra	± O	- 0 = 8 RT	7	REVIEW	OF OPPO	- ; ide		Cred gas	SION ANALYSIS	MISSED POINTS	ANSWERS TO JURY	
0 too few, mostly irrelevant		report evaluation	pros & cons pri	ioritisation		speech	pros & cons	prioritisation		cussion correct own	POINTED OUT	QUESTIONS	
relevant, meant to clarify u	inclear points 0	& understanding			ev	aluation	-		Eva	aluation opinions	-1 irrelevant	0 concise and correct or	
1 + suitably allotted to Rep &	Opp.	poor/wrong	irrelevant	no	pod	or/wrong	irrelevant	no		nost no too few		no questions asked	
most time used	1_	partial	partially relevant	some	1 _ Otoo :	short/long	partially relevan	t some	4	hort/long some	00 none	some incorrect,	
+ short, apt and clear, well	prioritized 2 6	2 good	mostly adequate re	easonable	2 - Onform	mative, apt	mostly adequat	e reasonable	relev	ant parts many		inconclusive or too long	
time managed efficiently	3	detailed, complex	fully adequate	good	3	idensed &	fully adequate	good	The manners	curate, fully nclusive adequate	1 relevant, constructive	-2 deeply incorrect or show deep misconceptions	
NOTES:						nie de						IYPT – March 2019	

sign lever SCORESHEET Werbach, Katharina REPORTER Start from 1 and add/subtract Stage: 3 Fight 2 B, Problem: BG/BRG Villach 2: GYPT: Slovenia: REPORT **DISCUSSION WITH OPPONENT** ANSWERS TO JURY. relevant comparison between phenomenon reporter's OPPONENT, and theory/model own contribution task fulfilment science communication relevant explanation experiments theory and experiment 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 review of sources, cited some some some too few poor some partly partly clear 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 many good some parts good good + some interesting results some incorrect. qualitatively analysed sufficient number 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 proved deep deep and comprehensible, detailed, complex. + reproducible. well fitting, deviations considerable experimental greater extent + complex concepts well overall efficient deep misconceptions understanding shows physical insight completely testable convincing analysis analysed, conclusive and theoretical than expected communicated theory & experiment; porlown **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 own opinions opponent's conduct of time relevant 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 unclear points in the report 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 fair efficient good many correct some aspects efficient fair deeply incorrect or show + improvement NOTES: new crucial + improvement practically all points practically all overall efficient very good very good deep misconceptions suggestions all time used point(s) suggestions REVIEWER Start from 1 and add/subtract QUESTIONS ASKED **REVIEW OF REPORT** REVIEW OF OPPOSITION **DISCUSSION ANALYSIS** MISSED POINTS ANSWERS TO JURY discussion correct own report evaluation POINTED OUT QUESTIONS too few, mostly irrelevant speech pros & cons prioritisation pros & cons prioritisation evaluation opinions & understanding evaluation concise and correct or relevant, meant to clarify unclear points irrelevant almost no poor/wrong irrelevant too few no questions asked poor/wrong irrelevant no suitably allotted to Rep & Opp. too short/long partial partially relevant some some too short/long partially relevant none some some incorrect, most time used relevant parts many inconclusive or too long good mostly adequate reasonable Informative, apt (mostly adequate reasonable + short, apt and clear, well prioritized. relevant. fully accurate, deeply incorrect or show detailed. fully condensed & fully time managed efficiently constructive good good conclusive adequate adequate accurate adequate deep misconceptions complex

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