REPO	DRTER Start f	from 1 and add/subtra $ \bigcirc$ $=$ \bigcirc	ct	SCORESHEET stage: 2 fight (round no.): final room: reporter: GJH opponent: polara reviewer: (SG						problem no.: 1		KUNDRACIK ror's name: nature:
REPO	RT							DISC	JSSION WITH C	OPPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	n	task fulfilment		scientific contribution	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT and REVIEWER'S QUESTIONS
0	almost no	almost no	too few	no/ almost no	others' data, incorrect	ly cited	misunderstood	105	almost no	too few	poor	REVIEWER'S QUESTIONS
1	some fair	some fair	some fair	some not well fitting	review of sources, o some own input		partly average	÷	only technical points cleared	some	some aspects fine	concise and correct or no questions asked
8	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting re	esults	interesting solution	z	some scientific points cleared	many	good	some incorrect,
0		quite detailed, correct detailed, complex, completely testable	+ results explained errors analysed + reproducible, convincing analysis	+ theory limits explained, conclusive well fitting, deviations analysed, conclusive	considerable experim or theoretical considerable experim and theoretical	nental	some aspects above average greater extent than expected	\hat{O}	interesting points discussed brought in new physics	+ data/theory convincingly supported proved deep understanding	some aspects efficient overall efficient	inconclusive or too long deeply incorrect or show deep misconceptions

1

OPPONENT +

+

19

25	+	3	- 1	=
6		\square)	

8

7

Start from 1 and add/subtract

QUESTIONS ASKED	OPPO	OSITION (SPEECH))				DIS	CUSSION W	ITH REPOR	RTER			ANSWERS TO JURY and
almost no, irrelevant relevant, aimed at resolving	_	understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management		scientific contribution	relevance of 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	very little	no	poor	101	almost no	irrelevant	very little	poor	no	no questions asked
	-	some main points	few	some	some	reasonable	h	little	some	some	some aspects fine	some	some incorrect.
+ short, apt and clear, well prioritized, all time used		(main points	some	some correct	reasonable	(fair)	11	partial	average	some correct	good	reasonable	inconclusive or too long
prioritized, all time used	I	all relevant points	many	many correct	(fair)	efficient	5	good	most	many correct	some aspects efficient		
NOTES:	4	practically all points	practically all	+ improvement suggestions	very good	+ all time used	4	new crucial point(s)	all relevant discussed	+ improvement suggestions	overall efficient	very good	deeply incorrect or show deep misconceptions

REVIEWER

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

QUESTIONS ASKED	REVIEW OF REPO	RT				REVIEW OF OPPO	DSITION				ANSWERS TO JURY
too few, mostly irrelevant some relevant, sufficient number,	report summary & understanding	nros & cons	discussion analysis	own opinions	prioritisation	speech summary	pros & cons	discussion analysis	own opinions	prioritisation	QUESTIONS concise and correct or
contributed to clarify some unclear points	poor	irrelevant	almost no	too few	no	poor	irrelevant	almost no	too few	no	no questions asked
many unclear points resolved; most time	I partial	partially relevant	too short/long	some	some	too short/long	partially relevant	too short/long	some	some	some incorrect,
used, suitably allotted to Rep & Opp	2 good	mostly adequate	relevant parts	many	reasonable	informative, apt	mostly adequate	relevant parts	many	reasonable	inconclusive or too long
+ short, apt and clear, well prioritized, time managed efficiently	detailed, complex	fully adequate	accurate, conclusive	+ improvement suggestions	good	condensed and accurate	fully adequate	accurate, conclusive	+ improvement suggestions	good	deeply incorrect or show deep misconceptions

REP	ORTER Start +6+25	from 1 and add/subtrat	ct	SCORESHE stage: reporter:	EET fight (round opponent:	no.):	room: reviewer:	problem no.:		ror's name: Uksau gnature:
REP	ORT						DISCUSSION WITH C	OPPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	scientific contribution	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT and REVIEWER'S QUESTIONS
113	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	almost no	too few	poor	REVIEWER'S GOESTIONS
2	some fair	some fair	some fair	some not well fitting	review of sources, cited some own input	partly average	only technical points cleared	some	some aspects fine	concise and correct or
3	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	interesting solution	some scientific points cleared	many	good	some incorrect,
6	detailed demonstrative deep and comprehensible, shows physical insight	quite detailed, correct detailed, complex, completely testable	+ results explained errors analysed + reproducible, convincing analysis	+ theory limits explained, conclusive well fitting, deviations analysed, conclusive	considerable experimental <u>or</u> theoretical considerable experimental <u>and</u> theoretical	some aspects above average greater extent than expected	Interesting points discussed brought in new physics	+ deta/theory convincingly-supported proved deep understanding	some aspects efficient overal efficient	inconclusive or too long deeply incorrect or show deep misconceptions

OPPONENT Start from 1 and add/subtract D +25 = 1 + -+ **OPPOSITION (SPEECH)** QUESTIONS ASKED DISCUSSION WITH REPORTER ANSWERS TO JURY and understanding of almost no, irrelevant relevant topics own opinions time **REVIEWER'S QUESTIONS** scientific relevance own opinions opponent's conduct prioritisation prioritisation presentation addressed presented management contribution presented of the discussion of topics concise and correct or relevant, aimed at resolving almost nothing no or irrelevant very little no poor almost no irrelevant very little poor no no questions asked unclear points in the report few some some main points some reasonable little some some some aspects fine some + short, apt and clear, well some incorrect, some correct reasonable fair main points some partial average some correct good reasonable inconclusive or too long prioritized, all time used all relevant points many many correct fair efficient good many correct some aspects efficient most Yair deeply incorrect or show NOTES: + improvement +new crucial all relevant + improvement practically all points practically all very good overall efficient very good deep misconceptions suggestions all time used point(s) discussed suggestions

+ Foto tike ?

- DIFRACIA NA VECKON OBJEKTE

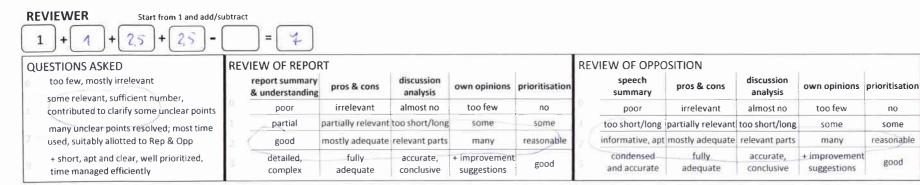
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REVIEWER Start from 1 and add/su 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	ubtract	= 6										
QUESTIONS ASKED	REVIE	W OF REPO	RT				REVIEW OF OPP	OSITION				ANSWERS TO JURY
too few, mostly irrelevant some relevant, sufficient number,		port summary understanding	pros & cons	discussion analysis	own opinions	prioritisation	speech summary	pros & cons	discussion analysis	own opinions	prioritisation	QUESTIONS concise and correct or
contributed to clarify some unclear points	0	poor	irrelevant	almost no	too few	no	poor	irrelevant	almost no	too few	no	no questions asked
many unclear points resolved; most time	1	partial	partially relevant	too short/long	some	some	too short/long	partially relevant	too short/long	some	some	some incorrect,
used, suitably allotted to Rep & Opp	6	good	mostly adequate	relevant parts	many	reasonable	informative, ap	t mostly adequate	relevant parts	many	reasonable	inconclusive or too long
+ short, apt and clear, well prioritized, time managed efficiently	0	detailed, complex	fully adequate	accurate, conclusive	+ improvement suggestions	good	condensed and accurate	fully adequate	accurate, conclusive	+ improvement suggestions	good	deeply incorrect or show deep misconceptions

NOTES:

	from 1 and add/subtra	ct ?	SCORESHI stage: reporter:	EET fight (round opponent:	no.):	room: reviewer:	problem no.:	- (ror's name: T. OPATRIA gnature:
EPORT phenomenon		relevant	comparison between			DISCUSSION WITH scientific	OPPONENT relevant	reporter's conduct	ANSWERS TO JURY, OPPONENT and
explanation	theory/model	experiments	theory and experiment	own contribution	task fulfilment	contribution	arguments/responses	•	REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	almost no	too few	poor	Reviewer 5 Question
some fair	some fair	some fair	some not well fitting	review of sources, cited some own input	partly average	only technical points cleared	some	some aspects fine	concise and correct on no questions asked
good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	interesting solution	some scientific points cleared	many	good	some incorrect,
detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	some aspects above average	interesting poin discussed	ts + data/theory convincingly supported	some aspects efficient	inconclusive or too lo deeply incorrect or sl
deep and comprehensible shows physical insight	detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	brought in new physics	 proved deep understanding 	overall efficient	deep misconception

OPPONENT Start from 1 1 + 1	and add/	\square										
QUESTIONS ASKED	OPP	OSITION (SPEECH))				DISCUSSION W	ITH REPOR	RTER			ANSWERS TO JURY and
almost no, irrelevant		understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management	scientific contribution	relevance of topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REVIEWER'S QUESTIONS concise and correct or
unclear points in the report	(a)	almost nothing	no or irrelevant	very little	no	poor	almost no	irrelevant	very little	poor	no	no questions asked
	1	some main points	few	some	some	reasonable	little	some	some	some aspects fine	some	some incorrect.
+ short, apt and clear, well	4.12	main points	some	some correct	reasonable	fair	partial	average	(some correct)	good	reasonable	inconclusive or too long
prioritized, all time used	EC	all relevant points	many	many correct	fair	efficient	good	most	many correct	some aspects efficient	fair	5
NOTES:	di .	practically all points	practically all	+ improvement suggestions	very good	+ all time used	new crucial point(s)	all relevant discussed	+ improvement suggestions		very good	deeply incorrect or show deep misconceptions



ANSWERS TO JURY

concise and correct or

deeply incorrect or show

deep misconceptions

no questions asked

some incorrect, inconclusive or too long

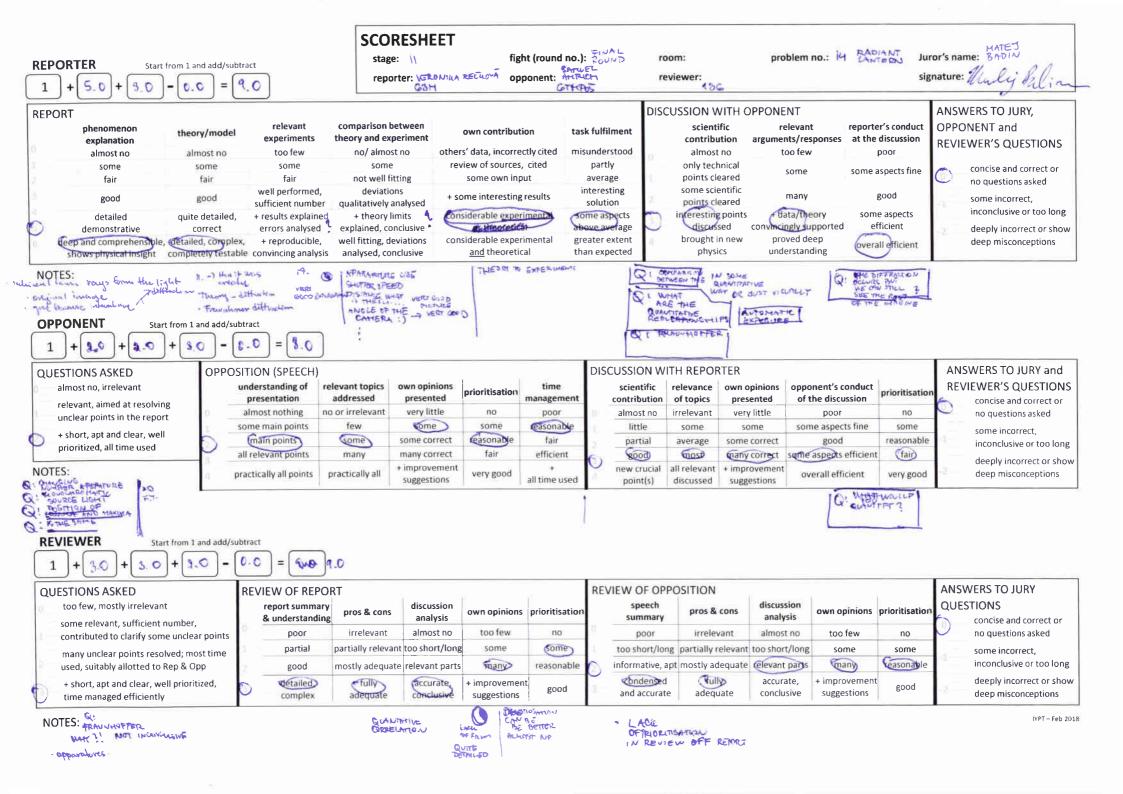
QUESTIONS

no

some

reasonable

good



RTER Start	from 1 and add/subtract		stage: 5 reporter: 63	fight (round	b	room: reviewer: 1, \$€	problem no.: 1		ror's name: Milay Scolik inature: Cure
Г						DISCUSSION WITH	OPPONENT		ANSWERS TO JURY,
phenomenon	theory/model	relevant	comparison between	own contribution	task fulfilment	scientific		reporter's conduct	OPPONENT and
explanation		experiments	theory and experiment	athered data in a second by size d	and a second a second second	contribution	arguments/responses	at the discussion	REVIEWER'S QUESTIONS

partly

others' data, incorrectly cited misunderstood

review of sources, cited

Ľ		some	some	some	some	review of sources, cited	partiy		only technical	60 m 0
l		fair	fair	fair	not well fitting	some own input	average	15	points cleared	some
		good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	interesting solution	2	some scientific points cleared	many
	4 5 0-	detailed demonstrative deep and comprehensible shows physical insight	quite detailed, correct , detailed, complex, completely testable	+ results explained errors analysed + reproducible, convincing analysis	 + theory limits explained, conclusive well fitting, deviations analysed, conclusive 	considerable experimental or theoretical considerable experimental and theoretical	some aspects above average greater extent than expected	3 - 4 -	interesting points discussed brought in new physics	+ data/theory convincingly supported proved deep understanding

no/ almost no

some

NOTES:

REPORTER

1 +

REPORT

almost no

some

OPPONENT

+	15	- [=	= [
	1.20			L

1.00

detailed,

complex

Start from 1 and add/subtract

almost no

some

too few

some

5

QUESTIONS ASKED	OPPO	OSITION (SPEECH))				DISCUSSION W	ITH REPOR	RTER			ANSWERS TO JURY and
almost no, irrelevant relevant, aimed at resolving		understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management	scientific contribution	relevance of topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REVIEWER'S QUESTIONS concise and correct or
unclear points in the report	Ø. –	almost nothing	no or irrelevant	very little	 no 	poor	almost no	irrelevant	very little	poor	no	no questions asked
+ short, apt and clear, well	1 .	some main points	few	some	some	reasonable	little	some	some	5 some aspects fine	 some 	some incorrect,
prioritized, all time used	2 22	main points	some	some correct	reasonable	fair	partial	average	some correct	good	reasonable	inconclusive or too long
prioritized, all time dised	9	all relevant points	many	 many correct 	fair	efficient	good	most	many correct	some aspects efficient		Ű
NOTES: DE P. FD 4 6/2/0	4	practically all points	practically all	+ improvement suggestions	very good	+ all time used	new crucial point(s)	all relevant discussed	+ improvement suggestions	overall efficient	very good	deeply incorrect or show deep misconceptions

REVIEWER Start from 1 and add/subtract 8 71 1 = **REVIEW OF REPORT** QUESTIONS ASKED too few, mostly irrelevant report summary & understanding some relevant, sufficient number, poor contributed to clarify some unclear points partial many unclear points resolved; most time used, suitably allotted to Rep & Opp good

+ short, apt and clear, well prioritized,

time managed efficiently

DF	RT				REVIEW OF OPPO	ANSWERS TO JURY				
y Ig	pros & cons	discussion analysis	own opinions	prioritisation	speech summary	pros & cons	discussion analysis	own opinions	prioritisation	QUESTIONS concise and correct or
	irrelevant	almost no	too few	no	poor	irrelevant	almost no	too few	no	no questions asked
	partially relevant	too short/long	some	some	too short/long	partially relevant	too short/long	some	some	some incorrect,
	mostly adequate	relevant parts	a many	oreasonable	informative, apt	mostly adequate	relevant parts	many	creasonable	inconclusive or too long
	fully adequate	 accurate, conclusive 	+ improvement suggestions	good	 condensed and accurate 	fully adequate	accurate, conclusive	+ improvement	good	deeply incorrect or show deep misconceptions

almost no

only technical

too few

poor

some aspects fine

good

some aspects efficient

overall efficient

concise and correct or

deeply incorrect or show deep misconceptions

no questions asked

some incorrect, inconclusive or too long

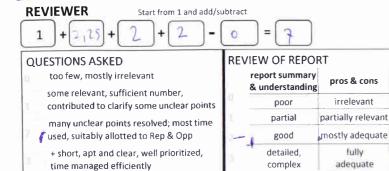
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REP 1	ORTER Start +4,5+3	from 1 and add/subtr	act	SCORESHE stage: F (1/7) reporter: 6	n⊂ fight (round	d no.): 2 POSTOV4	room: reviewer: 7 S G	problem no.: 🧃	()	ror's name: PAUDE DECIS gnature: ALE
REPC	DRT						DISCUSSION WITH O	PPONENT		ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	scientific contribution	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT and REVIEWER'S QUESTIONS
	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	almost no	too few	poor	REVIEWER'S QUESTIONS
	some fair	some fair	some fair	some not well fitting	review of sources, cited some own input	partly average	only technical points cleared	some	some aspects fine	concise and correct or no questions asked
	good	good	well performed, sufficient number	deviations qualitatively analysed	🕞 some interesting results	interesting solution	some scientific points cleared	many	good	some incorrect,
1	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	G theory limits explained, conclusive	considerable experimental or theoretical	some aspects above average	interesting points discussed of	Convincingly supported	some aspects efficient	inconclusive or too long deeply incorrect or show
	deep and comprehensible, shows physical insight		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental <u>and</u> theoretical	greater extent than expected	brought in new physics	proved deep understanding	overall efficient	deep misconceptions

0

OPPONENT Start from 1	and add/	subtract										
1 + 1,5 + 2,5 + 2	2 -]									
QUESTIONS ASKED	OPPO	DSITION (SPEECH)				DISCUSSION	VITH REPO	RTER			ANSWERS TO JURY and
almost no, irrelevant		understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management	scientific contributio	relevance of 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	very little	no	poor	almost no	irrelevant	very little	poor	no	no questions asked
	1.5	some main points	few	some	some	reasonable	little	some	some	some aspects fine	some	some incorrect.
+ short, apt and clear, well	2 1	main points	some	 some correct 	reasonable	fair	partial	average	some correct	good	reasonable	inconclusive or too long
prioritized, all time used	0.00	all relevant points	many	many correct	fair	efficient	good	nost	many correct	some aspects efficient	fair	
NOTES:	4	practically all points	practically all	Gimprovement suggestions	very good	+ all time used	new crucia point(s)	all relevant discussed	G improvement suggestions	overall efficient	very good	deeply incorrect or show deep misconceptions

Ø



				REVIEW OF OPPO	ANSWERS TO JURY					
	discussion analysis	own opinions	prioritisation	speech summary	pros & cons	discussion analysis	own opinions	prioritisation	QUE:	STIONS concise and correct or
	almost no	too few	no	poor	irrelevant	almost no	too few	no		no questions asked
nt	too short/long	some	some	too short/long	partially relevant	too short/long	some	some		some incorrect,
te	relevant parts	many	reasonable	informative, apt	mostly adequate	relevant parts	many	reasonable	1	inconclusive or too long
	accurate, conclusive	improvement suggestions	good	condensed and accurate	fully adequate	accurate, conclusive	➡improvement suggestions	good	2	deeply incorrect or show deep misconceptions

NOTES:

