

too short/long

relevant parts

accurate.

conclusive

some

many

fully

adequate

none

relevant.

constructive

NOTES

most time used

time managed efficiently

+ short, apt and clear, well prioritized,

some incorrect.

inconclusive or too long

deeply incorrect or show

deep misconceptions

partial

good'

detailed.

complex

partially relevant

mostly adequate

fully

adequate

some

reasonable

good

too short/long

informative, apt

condensed &

accurate

partially relevant

mostly adequate

adequate

some

reasonable

good

SCORESHEET

comparison between

theory and experiment

some

not well fitting

deviations

qualitatively analysed

+ theory limits

explained, conclusive

analysed, conclusive

no/ almost no

relevant

experiments

too few

fair

well performed,

sufficient number

+ results explained

errors analysed

+ reproducible,

some

own contribution

review of sources, cited

some own input

+ some interesting results

considerable experimental

or theoretical

and theoretical

others' data, incorrectly cited misunderstood

partly

average

some aspects

above average

interesting

solution

greater extent

than expected

fight (round no.): 3 stage: 3 room: 101 problem no.: 4 Juror's name & signature:

reviewer: POSTOVA



deep and comprehensible, detailed, complex,

theory/model

almost no

some

fair

good

quite detailed,

correct

shows physical insight completely testable convincing analysis

phenomenon

explanation

almost no

some

fair

good

detailed

demonstrative

OSTRAVA reporter:

well fitting, deviations considerable experimental

opponent: ASG

task fulfilment science communication

unclear, chaotic

partly clear

average

some parts

well done

overall clear,

demonstrative

communicated

+ complex concepts well

DIS	CUSSION WITH OPP	ONENT	ANSWERS TO JUR
	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT, and REVIEWER'S QUE
0	too few	poor	concise and co
	some	some aspects fine	no questions a
1	many	, good	some incorred
2	+ data/theory convincingly supported	some aspects efficient	inconclusive o
3	proved deep	overall efficient	deep miscond

understanding

ANSWERS TO JURY. ESTIONS

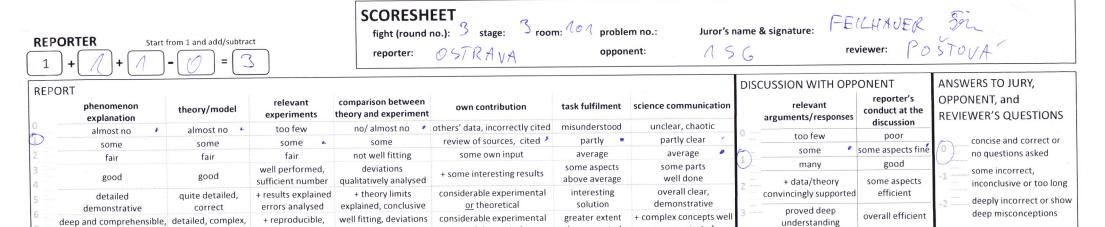
~	concise and correct or
0	 no questions asked
1	some incorrect,
	inconclusive or too long
-2	deeply incorrect or sho
	deep misconceptions

NOTES:

REPORT

OPPONENT Start from 1 + 1,5 + 3,5 +	1 and	add/subtract	8									
QUESTIONS ASKED	OPP	OSITION (SPEECH)					DISC	SUSSION WITH	REPORTER			ANSWERS TO JURY and
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	0	almost nothing	no or irrelevant	too few	no	poor	0 :	almost no	too few	poor	no	no questions asked
unclear points in the report	1	some main points	few	some	some	reasonable	1	few	some	some aspects fine	some	some incorrect,
+ short, apt and clear, well	-	main points	some	some correct	reasonable	fair	3	some	some correct	good	reasonable	inconclusive or too long
prioritized, all time used		all relevant points	many	many correct	fair	efficient	2	good	many correct	some aspects efficient	fair	deeply incorrect or show
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	deep misconceptions

REVIEWER Start from 1 and add/s $1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +$	subtrac		-	5									
QUESTIONS ASKED	REV	IEW OF REPO	RT		RE	VIEW OF OPPO	SITION		DIS	CUSSION ANA	ALYSIS	MISSED POINTS	ANSWERS TO JURY
otoo few, mostly irrelevant	1	eport 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	0	poor/wrong	irrelevant	no	0	poor/wrong	irrelevant	no	0	almost no	too few	irrelevant	no questions asked
+ suitably allotted to Rep & Opp,	1	partial	partially relevant	some	1	, too short/long	partially relevant	some	4	too short/long	some	none none	some incorrect,
most time used	12	good	mostly adequate	reasonable	2	informative, apt	mostly adequate	reasonable		relevant parts	many	relevant,	inconclusive or too long
+ 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	constructive	deeply incorrect or show deep misconceptions

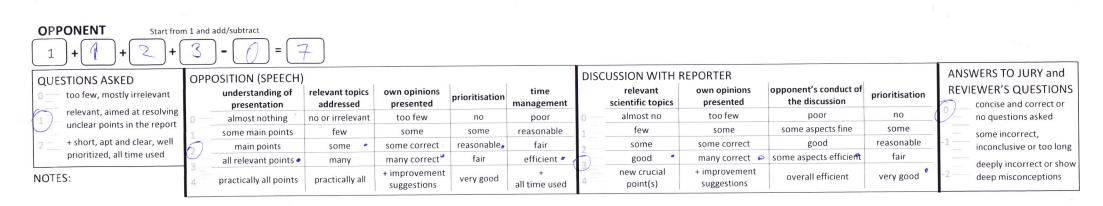


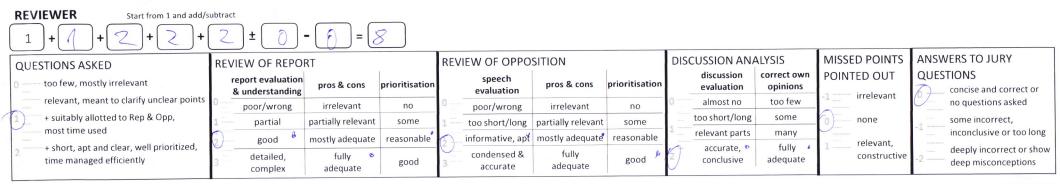
and theoretical

than expected

communicated

NOTES:

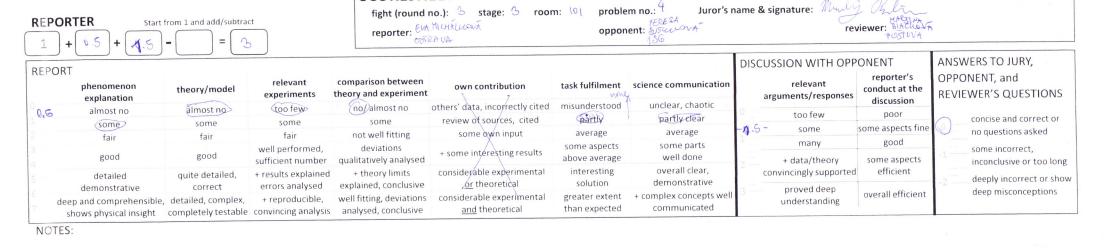




NOTES:

shows physical insight completely testable convincing analysis

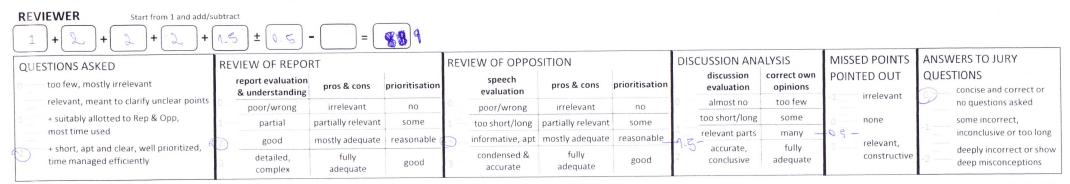
analysed, conclusive



SCORESHEET

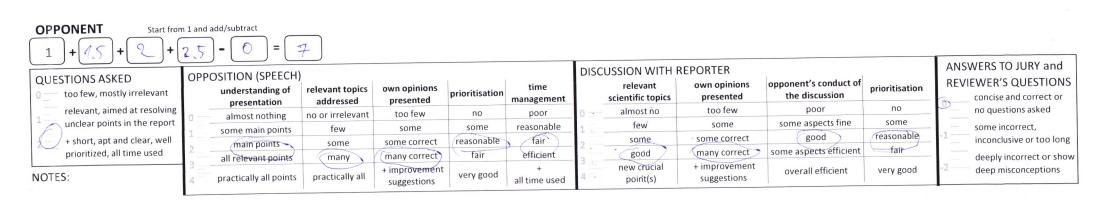
HATEJ BADIN

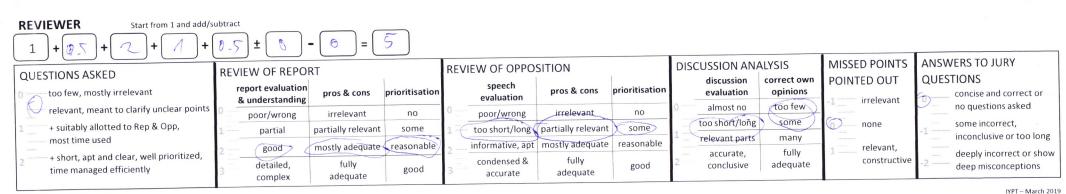
OPPONENT Start from 1 + 3 +	1 and	add/subtract $= $										
QUESTIONS ASKED	OPP	OSITION (SPEECH)					DISC	CUSSION WITH F	REPORTER			ANSWERS TO JURY and
too few, mostly irrelevant	011	understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management		relevant scientific topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REVIEWER'S QUESTION concise and correct or
relevant, aimed at resolving		almost nothing	no or irrelevant	too few	no	poor	0	almost no	too few	poor	no	no questions asked
unclear points in the report		some main points	few	some	some	reasonable	1	few	some	some aspects fine	some	some incorrect.
+ short, apt and clear, well	-	main points	some	some correct	reasonable	fair		some	some correct	good	reasonable	inconclusive or too lor
prioritized, all time used	2	all relevant points	many	many correct	(fair)	efficient	0	good	many correct	some aspects efficient	fair	
OTES:	3)	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 she deep misconceptions

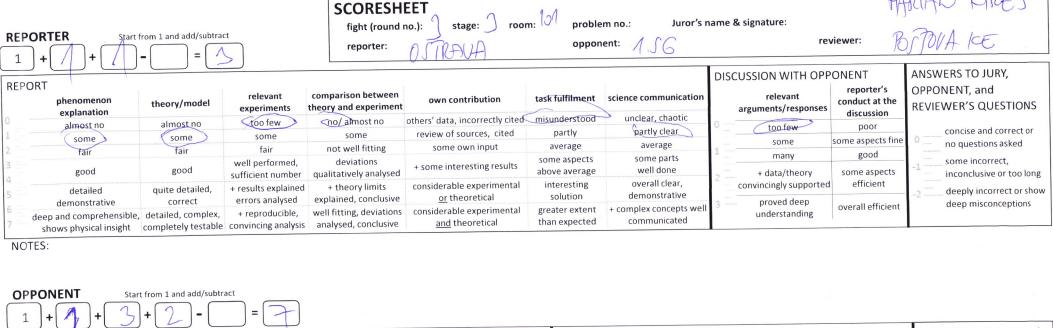




								DISCUSSION WITH OPP	OINEINI	ANSWERS TO JUNT,
REPO	RT phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT, and REVIEWER'S QUESTIONS
0	almost no	(almost no	too few		others' data, incorrectly cited review of sources, cited	misunderstood	unclear, chaotic	0 too few	poor	concise and correct or
2	some	some fair	some fair	not well fitting	some own input	average	average	1	some aspects fine	no questions asked
3	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, inconclusive or too long
5 = -	detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental <u>or</u> theoretical	interesting solution	overall clear, demonstrative	convincingly supported		deeply incorrect or show deep misconceptions
7	deep and comprehensible,		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	understanding	overall efficient	ucep misconceptions

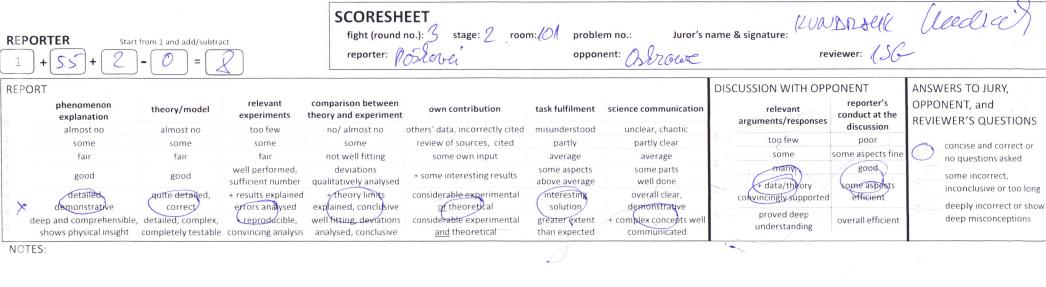


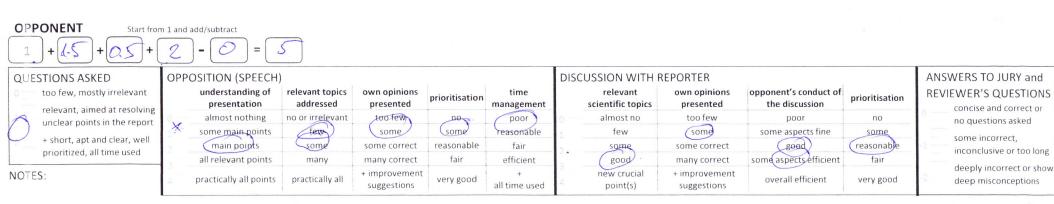




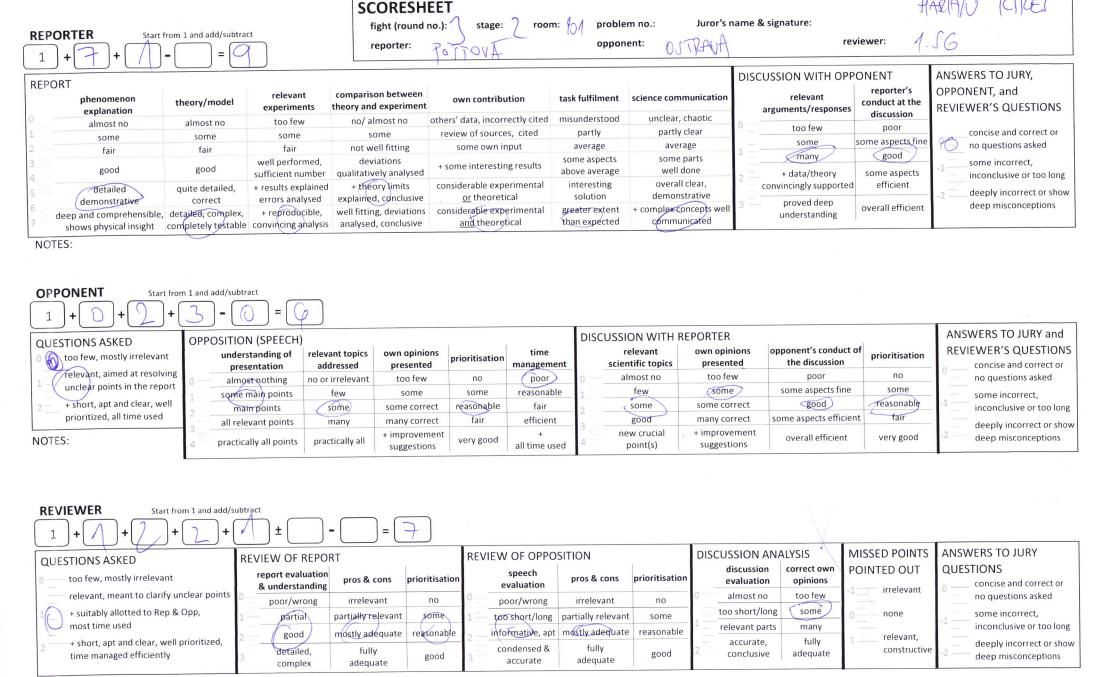
OPPOSITION (SPEECH) understanding of presentation almost nothing no or irrelevant to few some main points few some reasonable OPPOSITION (SPEECH) understanding of presentation almost nothing no or irrelevant to few some reasonable DISCUSSION WITH REPORTER own opinions presented with discussion opponent's conduct of the discussion prioritisation prioritisation prioritisation scientific topics presented to few some some aspects fine some some aspects fine some	REVIEWER'S QUESTION
relevant, aimed at resolving unclear points in the report unclear points in the report some main points few some some reasonable few some some some some some some some some	Concise and correct o
unclear points in the report some main points few some some some reasonable few some some some some some some	no questions asked
	some incorrect,
+ short, apt and clear, well main points some some correct reasonable fair some some correct good reasonable	inconclusive or too lo
prioritized, all time used 2 all relevant points many many correct fair efficient good many correct some aspects efficient fair	deeply incorrect or sl
OTES: The state of the state	deep misconceptions

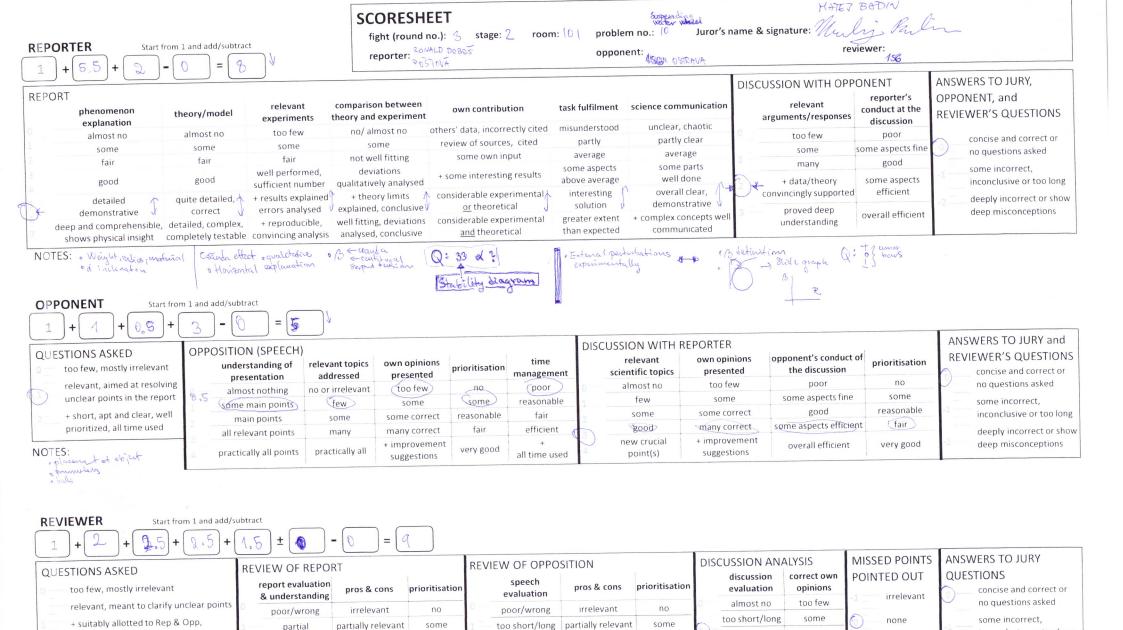
	REVIEWER Start from 1 and add/s	ubtra	ct	1.000	_									
	1 + 1 + 2 + 2 +		±	- = (,	7.
Г	THE THOMAS ASSISTED	DEV	/IEW OF REPO	RT		RFV	IEW OF OPPO	SITION		DISC	CUSSION ANA	ALYSIS	MISSED POINTS	ANSWERS TO JURY
	QUESTIONS			T. Control of the Con			speech				discussion	correct own	POINTED OUT	QUESTIONS
	too few, mostly irrelevant		report evaluation & understanding		prioritisation		evaluation	pros & cons	prioritisation		evaluation	opinions	irrelevant	concise and correct or
	relevant, meant to clarify unclear points	0	poor/wrong	irrelevant	no	0	poor/wrong	irrelevant	no	0	almost no	too few	lifelevalit	no questions asked
	+ suitably allotted to Rep & Opp,	4	partial	partially relevant	some	4		partially relevant	some		too short/long	some	none	some incorrect,
	most time used	2	good	mostly adequate	reasonable	2		mostly adequate		17	relevant parts	many	relevant,	inconclusive or too long
	+ short, apt and clear, well prioritized, time managed efficiently	3	detailed, complex	fully adequate	good	3	condensed & accurate	fully adequate	good	2	accurate, conclusive	adequate	constructive	deeply incorrect or show deep misconceptions





REVIEWER Start from 1 and add/s 1 +	ubtract ± 0	-	#							
QUESTIONS ASKED	REVIEW OF REPO	RT		REVIEW OF OPP	OSITION		DISCUSSION AN	ALYSIS	MISSED POINTS	ANSWERS TO JURY
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	poor/wrong	irrelevant	no	poor/wrong	irrelevant	no	almost no	too few	irrelevant	no questions asked
+ suitably allotted to Rep & Opp, most time used + short, apt and clear, well prioritized,	partial good	partially relevant mostly adequate		informative, a	partially relevant ot mostly adequate		too short/long relevant parts accurate.		none relevant,	some incorrect, inconclusive or too long
time managed efficiently	detailed, complex	fulfy adequate	good	condensed & accurate	fully adequate	good	conclusive	adequate	constructive	deeply incorrect or show deep misconceptions





informative, apt | mostly adequate

fully

adequate

condensed &

accurate

reasonable

good

mostly adequate

fully

adequate

good

detailed,

complex

most time used

time managed efficiently

NOTES: * osallations of the ball

+ short, apt and clear, well prioritized,

external partingations
softwall partingations

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

inconclusive or too long

deeply incorrect or show

deep misconceptions

many

fully

adequate

relevant,

constructive

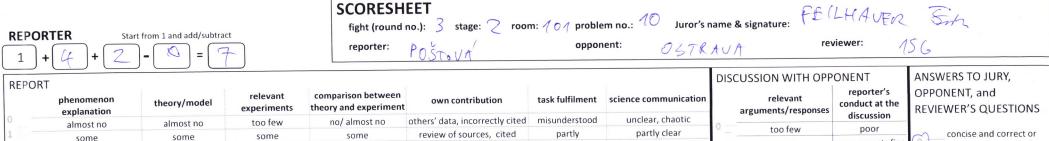
relevant parts

accurate,

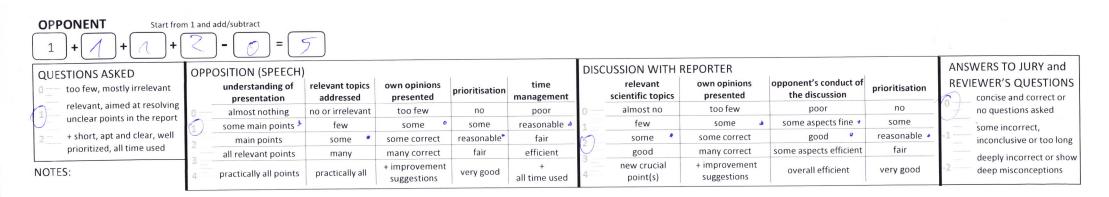
conclusive

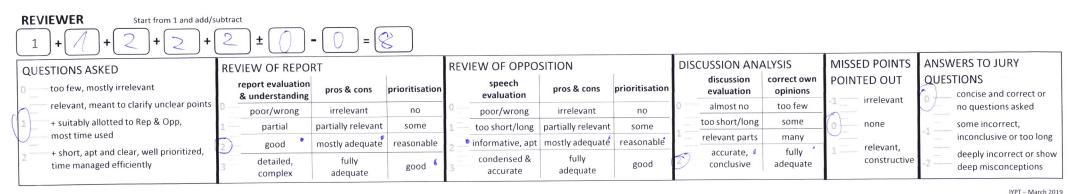
reasonable

good



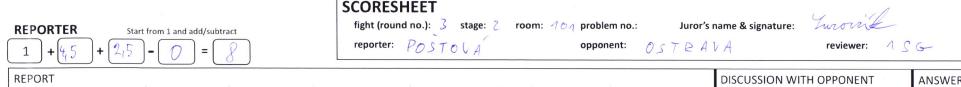
IRFP	PORT						or .			
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPP REV
0	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0	discussion	
1	some	some	some	some	review of sources, cited	partly	partly clear	∜ too few	poor	\sim
2	fair	fair	fair 🍨	not well fitting	some own input	average	average	some	some aspects fine	
3	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	-1
	detailed demonstrative	quite detailed, _ correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative	convincingly supported		-2
7	deep and comprehensible,		+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated	understanding	overall efficient	



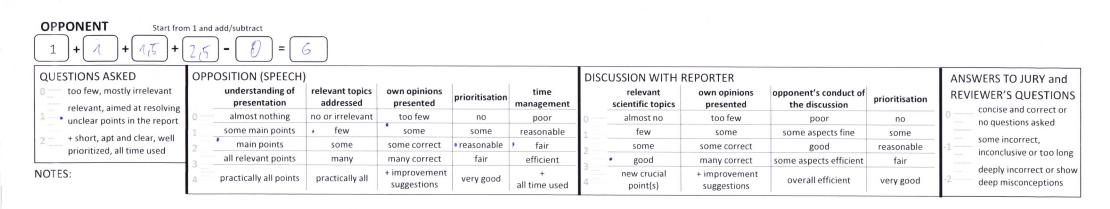


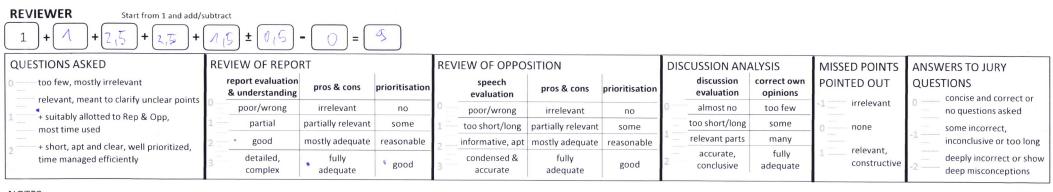
NOTES:

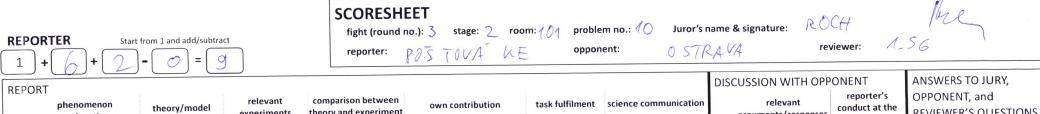
no questions asked some incorrect, inconclusive or too long deeply incorrect or show deep misconceptions



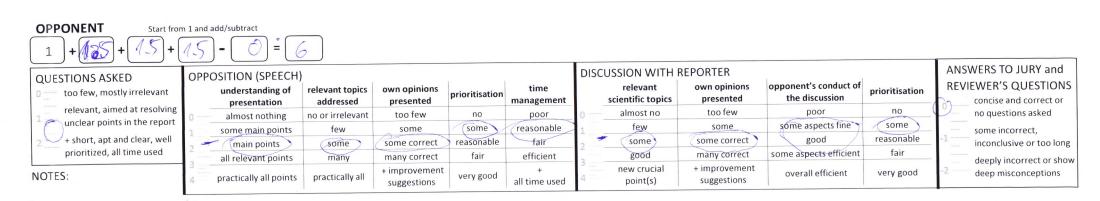
REPORT								DISC	USSION WITH OPP	ONENT	ANSWERS TO JURY,
	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication		relevant	reporter's conduct at the	OPPONENT, and
V	almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic		arguments/responses	discussion	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	fair	fair	not well fitting	some own input	average	average		some	some aspects fine	
3 4	good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	<u> </u>	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	efficient	inconclusive or too long deeply incorrect or show
	and comprehensible, ws physical insight	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

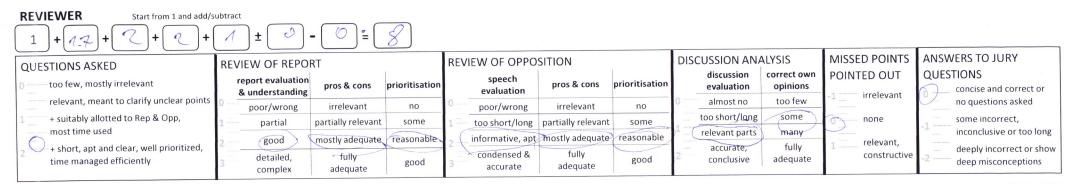




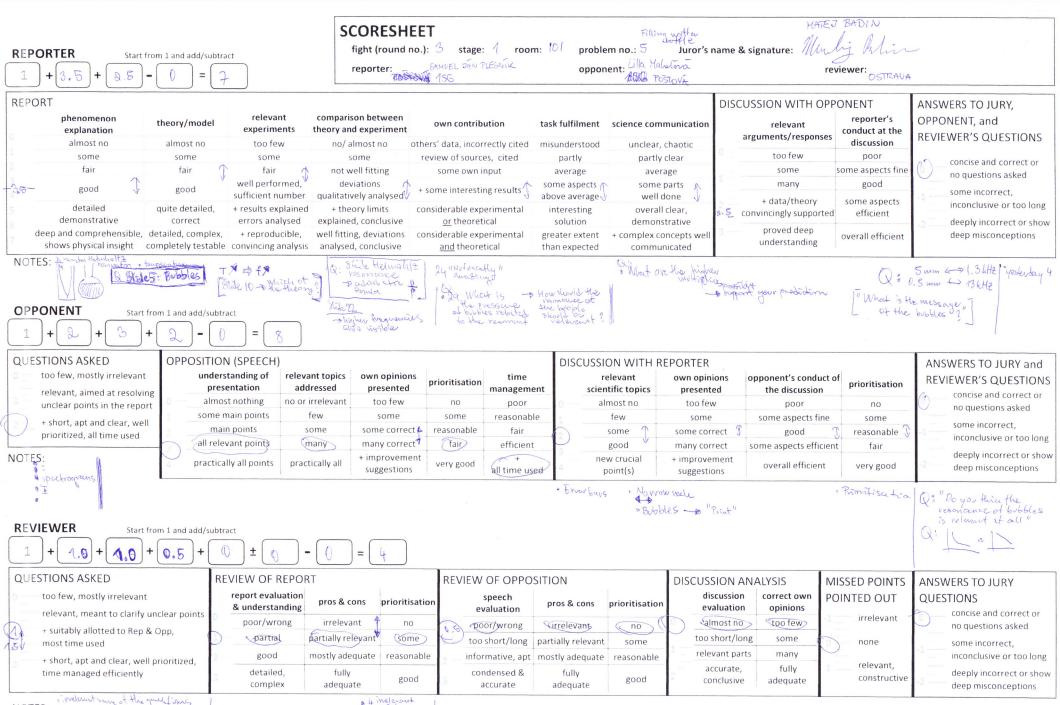


PORT							DISCUSSION WITH OPP	UNENT	ANSWERS TO JURY,
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the discussion	OPPONENT, and REVIEWER'S QUESTIONS
almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0 too four	poor	
some	some	some	some	review of sources, cited	partly	partly clear	too few	·	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 demonstrative	quite detailed, correct	+ results explained errors analysed	explained, conclusive		interesting solution	overall clear, demonstrative complex concepts well	convincingly supported proved deep	efficient overall efficient	deeply incorrect or show deep misconceptions
deep and comprehensible, shows physical insight	detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive		greater extent than expected	communicated	understanding	overam emicient	



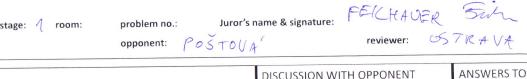


IYPT - March 2019

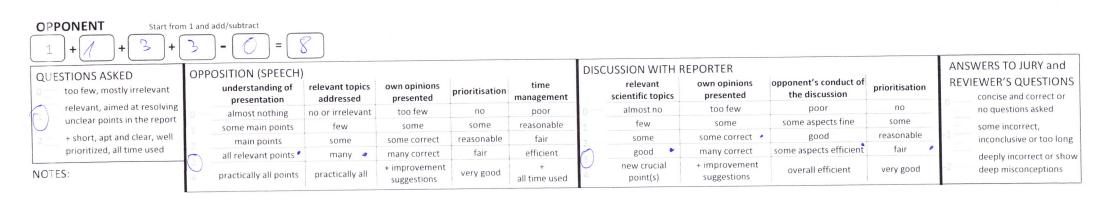


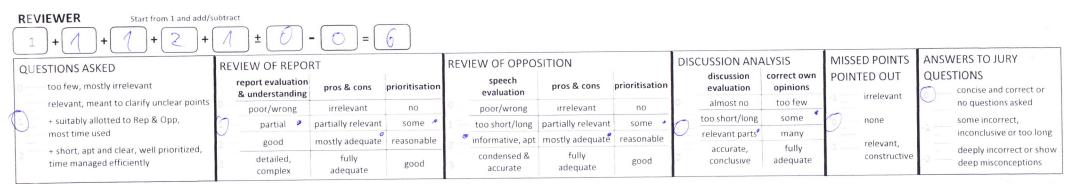
o not exact not going into detail





								DISCUSSION WITH OPP	ANSWERS TO JURY,		
REPORT	phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution		science communication	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	unclear, chaotic	too few	poor	concise and correct or	
	some	some	some	some	review of sources, cited	partly	partly clear				
	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	quite detailed,	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting • solution	overall clear, demonstrative	convincingly supported		deeply incorrect or shi	
	demonstrative eep and comprehensible, shows physical insight	correct detailed, complex, completely testable	+ reproducible,	well fitting, deviations		greater extent than expected	+ complex concepts well communicated	3 — proved deep understanding	overall efficient		







reporter: 1.56

opponent: POSTOVA

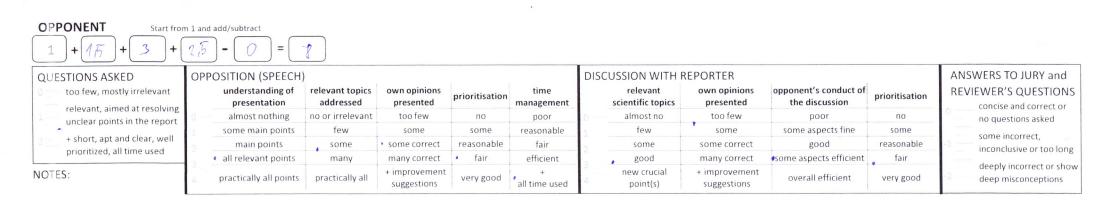
fight (round no.): 3 stage: 1 room: 101 problem no.: 5 Juror's name & signature: Sworille

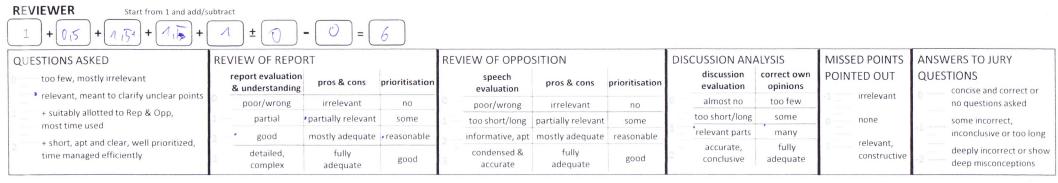
reviewer: OSTRAVA

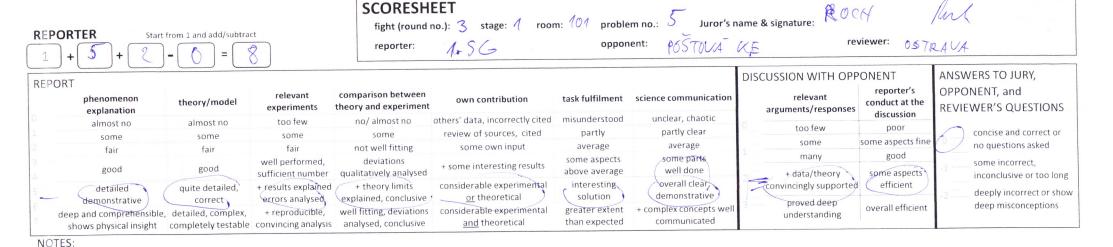


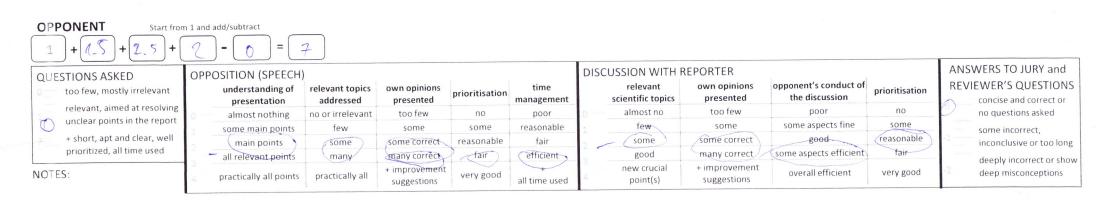
ORT							DISCUSSION WITH OPP	ANSWERS TO JURY,		
phenomenon explanation	theory/model	relevant experiments	comparison between theory and experiment	own contribution	task fulfilment	science communication	relevant arguments/responses	reporter's conduct at the	OPPONENT, and REVIEWER'S QUESTIONS	
almost no	almost no	too few some	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	~	discussion		
some	some		not well fitting deviations qualitatively analysed	review of sources, cited	partly	partly clear	too few	some aspects fine good	concise and correct or no questions asked	
fair	fair	fair		some own input	average	average	some			
good	good	good well performed, sufficient number		+ some interesting results	some aspects above average	some parts well done	many + data/theory			
detailed demonstrative	quite detailed, + results explained errors analysed		+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative	convincingly supported	efficient	inconclusive or too l	
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	g proved deep understanding	overall efficient	deep misconceptions	

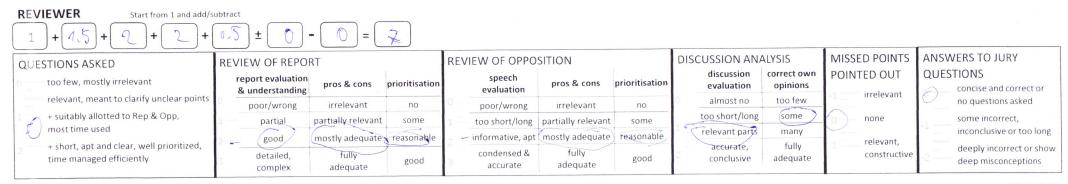
NOTES:

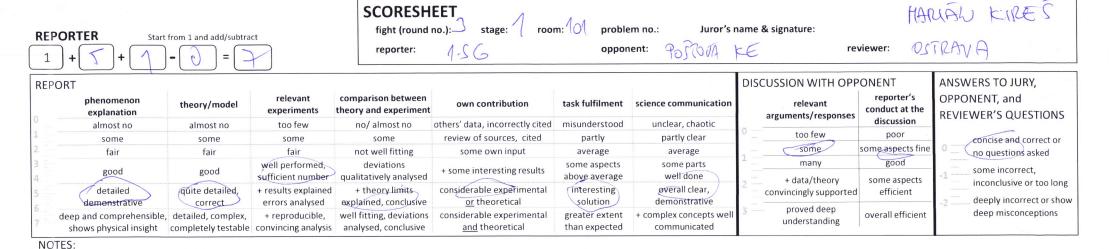












OPPONENT Start from 1 and add/subtract 1 +																		
QUESTIONS ASKED	OPP	OPPOSITION (SPEECH)						DISCUSSION WITH REPORTER					ANSWERS TO JURY and					
too few, mostly irrelevant	0	understanding of relevant topics presentation addressed	relevant topics addressed	own opinions presented	prioritisation	time management		relevant scientific topics	own opinions presented	opponent's conduct of the discussion	prioritisation	REV	IEWER'S QUESTIONS					
unclear points in the report		0	0	0	0	0	almost nothing	no or irrelevant	too few	no	poor	0	almost no	too few	poor	no		no questions asked
		some main points	few søme	some	some reasonable	reasonable fair	1	few	some	some aspects fine	some		some incorrect,					
+ short, apt and clear, well		main points						some	some correct	good	reasonable	2 -1	inconclusive or too long					
prioritized, all time used		all relevant points	many	many correct	fair	efficient	3	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					

