

**REPORTER**

Start from 1 and add/subtract

1 + 4.5 + 2 -  = 7



**SCORESHEET**

Fight 1 D, Stage: 1, Problem No. 85

sign

Plesch, Martin

Rep: Hungary

Opp: Serbia

Rev: Bulgaria

REPORT								DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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		
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked	
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some incorrect, inconclusive or too long	
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input type="checkbox"/> good	2 <input type="checkbox"/> deeply incorrect or show deep misconceptions	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient		
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative				
5 <input type="checkbox"/> deep and comprehensive, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated	5 <input type="checkbox"/> proved deep understanding	5 <input type="checkbox"/> overall efficient		

NOTES:

END CORRECTION

TRE PERATUR

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 2 + 3 -  = 7

QUESTIONS ASKED		OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS		
		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			
0 <input type="checkbox"/>	too few, mostly irrelevant	0 <input type="checkbox"/>	almost nothing	0 <input type="checkbox"/>	no or irrelevant	0 <input type="checkbox"/>	too few	0 <input type="checkbox"/>	no	0 <input type="checkbox"/>	no	0 <input type="checkbox"/>	concise and correct or no questions asked
1 <input type="checkbox"/>	relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/>	some main points	1 <input type="checkbox"/>	few	1 <input type="checkbox"/>	some	1 <input type="checkbox"/>	some	1 <input type="checkbox"/>	reasonable	1 <input type="checkbox"/>	some incorrect, inconclusive or too long
2 <input type="checkbox"/>	+ short, apt and clear, well prioritized, all time used	2 <input type="checkbox"/>	make points	2 <input type="checkbox"/>	some	2 <input type="checkbox"/>	some correct	2 <input type="checkbox"/>	reasonable	2 <input type="checkbox"/>	fair	2 <input type="checkbox"/>	deeply incorrect or show deep misconceptions
3 <input type="checkbox"/>		3 <input type="checkbox"/>	all relevant points	3 <input type="checkbox"/>	many	3 <input type="checkbox"/>	many correct	3 <input type="checkbox"/>	fair	3 <input type="checkbox"/>	efficient	3 <input type="checkbox"/>	
4 <input type="checkbox"/>		4 <input type="checkbox"/>	practically all points	4 <input type="checkbox"/>	practically all	4 <input type="checkbox"/>	+ improvement suggestions	4 <input type="checkbox"/>	very good	4 <input type="checkbox"/>	+ all time used	4 <input type="checkbox"/>	
0 <input type="checkbox"/>	too few, mostly irrelevant	0 <input type="checkbox"/>	almost no	0 <input type="checkbox"/>	too few	0 <input type="checkbox"/>	no	0 <input type="checkbox"/>	poor	0 <input type="checkbox"/>	no	0 <input type="checkbox"/>	concise and correct or no questions asked
1 <input type="checkbox"/>	relevant, meant to clarify unclear points	1 <input type="checkbox"/>	some main points	1 <input type="checkbox"/>	few	1 <input type="checkbox"/>	some	1 <input type="checkbox"/>	some	1 <input type="checkbox"/>	reasonable	1 <input type="checkbox"/>	some incorrect, inconclusive or too long
2 <input type="checkbox"/>	+ suitably allotted to Rep & Opp, most time used	2 <input type="checkbox"/>	make points	2 <input type="checkbox"/>	some	2 <input type="checkbox"/>	some correct	2 <input type="checkbox"/>	reasonable	2 <input type="checkbox"/>	fair	2 <input type="checkbox"/>	deeply incorrect or show deep misconceptions
3 <input type="checkbox"/>	+ short, apt and clear, well prioritized, time managed efficiently	3 <input type="checkbox"/>	all relevant points	3 <input type="checkbox"/>	many	3 <input type="checkbox"/>	many correct	3 <input type="checkbox"/>	fair	3 <input type="checkbox"/>	efficient	3 <input type="checkbox"/>	
4 <input type="checkbox"/>		4 <input type="checkbox"/>	practically all points	4 <input type="checkbox"/>	practically all	4 <input type="checkbox"/>	+ improvement suggestions	4 <input type="checkbox"/>	very good	4 <input type="checkbox"/>	+ all time used	4 <input type="checkbox"/>	

NOTES:

RESOURCES OF CIVILY

**REVIEWER**

Start from 1 and add/subtract

1 + 1 + 1.5 + 0.5 + 1 -  -  = 5

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

NOTES:

**REPORTER**

Start from 1 and add/subtract

1 + 5 + 1.25 - 0 = 7



**SCORESHEET**

Fight 1 D, Stage: 1, Problem No. 5

sign Tomasz Greczylo

Greczylo, Tomasz

Rep: Hungary

Opp: Serbia

Rev: Bulgaria

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> some incorrect, inconclusive or too long 2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input checked="" type="checkbox"/> many	2 <input checked="" type="checkbox"/> good	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	
4 <input checked="" type="checkbox"/> detailed	4 <input checked="" type="checkbox"/> quite detailed, correct	4 <input checked="" type="checkbox"/> + results explained	4 <input checked="" type="checkbox"/> + theory limits explained, conclusive	4 <input checked="" type="checkbox"/> considerable experimental or theoretical	4 <input checked="" type="checkbox"/> interesting solution	4 <input checked="" type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input checked="" type="checkbox"/> deep and comprehensive, shows physical insight	5 <input checked="" type="checkbox"/> detailed, complex, completely testable	5 <input checked="" type="checkbox"/> + reproducible, convincing analysis	5 <input checked="" type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input checked="" type="checkbox"/> considerable experimental and theoretical	5 <input checked="" type="checkbox"/> greater extent than expected	5 <input checked="" type="checkbox"/> + complex concepts well communicated			
6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>			

NOTES: well presented, own contributions, different models, limited way of picturing the results

**OPPONENT**

Start from 1 and add/subtract

1 + 0.75 + 2 + 1.45 - 0 = 6

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> some incorrect, inconclusive or too long 2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input checked="" type="checkbox"/> some	
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input checked="" type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> reasonable	2 <input type="checkbox"/> fair	2 <input checked="" type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> good	2 <input type="checkbox"/> reasonable	
	3 <input type="checkbox"/> all relevant points	3 <input checked="" type="checkbox"/> many	3 <input checked="" type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input checked="" type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES: faded important points, too long on one aspect

**REVIEWER**

Start from 1 and add/subtract

1 + 1.25 + 1.75 + 1 + 0.75 - 0 = 6

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

NOTES: poor prioritising, unequal time distribution

**REPORTER**

Start from 1 and add/subtract

1 + ~~1.5~~ + 1.5 - 0.5 = 6



**SCORESHEET**

Fight 1 D, Stage: 1, Problem No. 5

sign

*Fang-Yuh Lo*

Lo, Fang-Yuh

Rep: Hungary

*Patrik Penc*

Opp: Serbia

*Aleksandra Petrovic*

Rev: Bulgaria *Georgi Ivanov*

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some incorrect,
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input type="checkbox"/> good	2 <input type="checkbox"/> inconclusive or too long
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
4 <input type="checkbox"/> detailed	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative			
5 <input type="checkbox"/> demonstrative	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			
6 <input type="checkbox"/> deep and comprehensible, shows physical insight									
7 <input type="checkbox"/>									

NOTES: bubbles influence not discussed  
 temperature effect not clearly explained  $\rightarrow$  pity  
 material effect needs addressing | main frequency analyzed

**OPPONENT**

Start from 1 and add/subtract

1 + 1.5 + 2.5 + 2.2 - 0 = 7

QUESTIONS ASKED		OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
too few, mostly irrelevant	relevant, aimed at resolving unclear points of the report	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	
0 <input type="checkbox"/>	0 <input type="checkbox"/>	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input type="checkbox"/> concise and correct or no questions asked
1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some incorrect,
2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> good	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> inconclusive or too long
		3 <input type="checkbox"/> all relevant points	3 <input type="checkbox"/> many	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
		4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES: material influence mentioned | raised bubbles effect

**REVIEWER**

Start from 1 and add/subtract

1 + ~~1.5~~ + 1.8 + 1.5 + 1 - 0 - 0 = 7

QUESTIONS ASKED		REVIEW OF REPORT			REVIEW OF OPPOSITION			DISCUSSION ANALYSIS		MISSED POINTS POINTED OUT	ANSWERS TO JURY QUESTIONS
too few, mostly irrelevant	relevant, meant to clarify unclear points	report evaluation & understanding	pros & cons	prioritisation	speech evaluation	pros & cons	prioritisation	discussion evaluation	correct own opinions	irrelevant	concise and correct or no questions asked
0 <input type="checkbox"/>	0 <input type="checkbox"/>	0 <input type="checkbox"/> poor/wrong	0 <input type="checkbox"/> irrelevant	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor/wrong	0 <input type="checkbox"/> irrelevant	0 <input type="checkbox"/> no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	-1 <input type="checkbox"/> irrelevant	0 <input type="checkbox"/>
1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/> partial	1 <input type="checkbox"/> partially relevant	1 <input type="checkbox"/> some	1 <input type="checkbox"/> too short/long	1 <input type="checkbox"/> partially relevant	1 <input type="checkbox"/> some	1 <input type="checkbox"/> too short/long	1 <input type="checkbox"/> some	0 <input type="checkbox"/> none	1 <input type="checkbox"/> some incorrect,
		2 <input type="checkbox"/> good	2 <input type="checkbox"/> mostly adequate	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> informative, apt	2 <input type="checkbox"/> mostly adequate	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> relevant parts	2 <input type="checkbox"/> many	1 <input type="checkbox"/> relevant, constructive	2 <input type="checkbox"/> inconclusive or too long
		3 <input type="checkbox"/> detailed, complex	3 <input type="checkbox"/> fully adequate	3 <input type="checkbox"/> good	3 <input type="checkbox"/> condensed & accurate	3 <input type="checkbox"/> fully adequate	3 <input type="checkbox"/> good	3 <input type="checkbox"/> accurate, conclusive	3 <input type="checkbox"/> fully adequate		3 <input type="checkbox"/> deeply incorrect or show deep misconceptions

NOTES: a bit long in the review of report

**REPORTER**

Start from 1 and add/subtract

$$1 + 3,5 + 1,2 - 0 = 6$$



**SCORESHEET**

Fight 1 D, Stage: 1, Problem No. 2,5

sign

Maizelis, Zakhar

Rep: Hungary

Opp: Serbia

Rev: Bulgaria

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 — almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0 — too few	poor	0 — concise and correct or no questions asked — some incorrect, inconclusive or too long -1 — deeply incorrect or show deep misconceptions -2 —
1 — some	some	some	some	review of sources, cited	partly	partly clear	1 — some	some aspects fine	
2 — fair	fair	fair	not well fitting	some own input	average	average	2 — + data/theory convincingly supported	good	
3 — good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	3 — proved deep understanding	overall efficient	
4 — detailed	quite detailed, correct	+ results explained	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative			
5 — demonstrative	detailed, complex, completely testable	+ reproducible, convincing analysis	well fitting, deviations analysed, conclusive	considerable experimental and theoretical	greater extent than expected	+ complex concepts well communicated			
6 — deep and comprehensive, shows physical insight									

NOTES:

**OPPONENT**

Start from 1 and add/subtract

$$1 + 1 + 1,5 + 2 - 0 = 6$$

QUESTIONS ASKED		OPPOSITION (SPEECH)					DISCUSSION WITH REPÖRTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
		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	
0 — too few, mostly irrelevant	relevant, aimed at resolving unclear points in the report	0 — almost nothing	no or irrelevant	too few	no	poor	0 — almost no	too few	poor	no	0 — concise and correct or no questions asked — some incorrect, inconclusive or too long -1 — deeply incorrect or show deep misconceptions -2 —
1 —	+ short, apt and clear, well prioritized, all time used	1 — some main points	few	some	some	reasonable	1 — few	some	some aspects fine	some	
2 —		2 — main points	some	some correct	reasonable	fair	2 — some good	some correct	good	reasonable	
3 —		3 — all relevant points	many	many correct	fair	efficient	3 — new crucial point(s)	many correct	some aspects efficient	fair	
4 —		4 — practically all points	practically all	+ improvement suggestions	very good	+ all time used		+ improvement suggestions	overall efficient	very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

$$1 + 1,5 + 2,0 + 1,5 + 1 - 0 - 0 = 7$$

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

NOTES:

**REPORTER**

Start from 1 and add/subtract

1 + 5 + 2 - 0 = 8



**SCORESHEET**

Fight 1 D, Stage: 1, Problem No. 5

sign *Yoon*

Yoon, Young-Gui

Rep: Hungary

Opp: Serbia

Rev: Bulgaria

REPORT								DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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		
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> 2 <input type="checkbox"/> some incorrect, inconclusive or too long 3 <input type="checkbox"/> deeply incorrect or show deep misconceptions	
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine		
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input type="checkbox"/> good		
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient		
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/>	4 <input type="checkbox"/>		
5 <input type="checkbox"/> deep and comprehensible, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated	5 <input type="checkbox"/>	5 <input type="checkbox"/>		
6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>		

NOTES:

**OPPONENT**

Start from 1 and add/subtract

1 + 1.5 + 2 + 2.5 - 0 = 7

QUESTIONS ASKED		OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
too few, mostly irrelevant	relevant, aimed at resolving unclear points in the report	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	
0 <input type="checkbox"/>	0 <input type="checkbox"/>	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> 2 <input type="checkbox"/> some incorrect, inconclusive or too long 3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	
2 <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> good	2 <input type="checkbox"/> reasonable	
		3 <input type="checkbox"/> all relevant points	3 <input type="checkbox"/> many	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
		4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

1 + 1.5 + 2 + 1 + 1 - 0 - 0 = 6

QUESTIONS ASKED		REVIEW OF REPORT			REVIEW OF OPPOSITION			DISCUSSION ANALYSIS		MISSED POINTS POINTED OUT	ANSWERS TO JURY QUESTIONS
too few, mostly irrelevant	relevant, meant to clarify unclear points	report evaluation & understanding	pros & cons	prioritisation	speech evaluation	pros & cons	prioritisation	discussion evaluation	correct own opinions	irrelevant	
0 <input type="checkbox"/>	0 <input type="checkbox"/>	0 <input type="checkbox"/> poor/wrong	0 <input type="checkbox"/> irrelevant	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor/wrong	0 <input type="checkbox"/> irrelevant	0 <input type="checkbox"/> no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	-1 <input type="checkbox"/> irrelevant	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> 2 <input type="checkbox"/> some incorrect, inconclusive or too long 3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/> partial	1 <input type="checkbox"/> partially relevant	1 <input type="checkbox"/> some	1 <input type="checkbox"/> too short/long	1 <input type="checkbox"/> partially relevant	1 <input type="checkbox"/> some	1 <input type="checkbox"/> too short/long	1 <input type="checkbox"/> some	0 <input checked="" type="checkbox"/> none	
2 <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/> good	2 <input type="checkbox"/> mostly adequate	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> informative, apt	2 <input type="checkbox"/> mostly adequate	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> relevant parts	2 <input type="checkbox"/> many	1 <input type="checkbox"/> relevant, constructive	
		3 <input type="checkbox"/> detailed, complex	3 <input type="checkbox"/> fully adequate	3 <input type="checkbox"/> good	3 <input type="checkbox"/> condensed & accurate	3 <input type="checkbox"/> fully adequate	3 <input type="checkbox"/> good	3 <input type="checkbox"/> accurate, conclusive	3 <input type="checkbox"/> fully adequate		

NOTES:

**REPORTER**

Start from 1 and add/subtract

$$1 + 2 + 7 - \square = 4$$



**SCORESHEET**

Fight 1 D, Stage: 2, Problem No. \_\_\_\_\_

sign \_\_\_\_\_

Plesch, Martin

Rep: Serbia

Opp: Bulgaria

Rev: Hungary

REPORT								DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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		
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked	
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some incorrect, inconclusive or too long	
2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> not well fitting	2 <input checked="" type="checkbox"/> some own input	2 <input checked="" type="checkbox"/> average	2 <input checked="" type="checkbox"/> average	2 <input checked="" type="checkbox"/> many	2 <input checked="" type="checkbox"/> good	2 <input type="checkbox"/> deeply incorrect or show deep misconceptions	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient		
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative				
5 <input type="checkbox"/> deep and comprehensive, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated				

NOTES:

**OPPONENT**

Start from 1 and add/subtract

$$1 + 7 + 1.75 + 1.75 - \square = 6$$

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input type="checkbox"/> concise and correct or no questions asked
1 <input type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some incorrect, inconclusive or too long
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input checked="" type="checkbox"/> main points	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> good	2 <input checked="" type="checkbox"/> reasonable	2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
	3 <input type="checkbox"/> all relevant points	3 <input type="checkbox"/> many	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

$$1 + 0.75 + 7 + 7 + 7 - 0.25 - 0.75 = 4$$

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

NOTES:

SHORT

**REPORTER**

Start from 1 and add/subtract

$$1 + 1.75 + 1.25 - 0.25 = 4$$



**SCORESHEET**

Fight 1 D, Stage: 2, Problem No. 4

sign Tomasz Greczylo

Greczylo, Tomasz

Rep: Serbia

Opp: Bulgaria

Rev: Hungary

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input checked="" type="checkbox"/> too few	0 <input checked="" type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked
1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input checked="" type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input checked="" type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some aspects fine	1 <input checked="" type="checkbox"/> no questions asked
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input checked="" type="checkbox"/> average	2 <input checked="" type="checkbox"/> average	2 <input checked="" type="checkbox"/> many	2 <input type="checkbox"/> good	2 <input type="checkbox"/> some incorrect, inconclusive or too long
3 <input checked="" type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input type="checkbox"/> deep and comprehensible, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			

NOTES: *- no verification with a model of the phenomena*

**OPPONENT**

Start from 1 and add/subtract

$$1 + 1 + 2.25 + 2.0 = 7$$

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input checked="" type="checkbox"/> concise and correct or no questions asked
1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some incorrect, inconclusive or too long
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input checked="" type="checkbox"/> main points	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input type="checkbox"/> good	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
	3 <input type="checkbox"/> all relevant points	3 <input checked="" type="checkbox"/> many	3 <input checked="" type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input checked="" type="checkbox"/> good	3 <input checked="" type="checkbox"/> many correct	3 <input checked="" type="checkbox"/> some aspects efficient	3 <input checked="" type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES: *- some relevant parameters taken into account*

**REVIEWER**

Start from 1 and add/subtract

$$1 + 1.5 + 1.75 + 1.5 + 0.5 = 7$$

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

NOTES: *- addressed new aspects and asked both rep. and opp.*

**REPORTER**

Start from 1 and add/subtract

1 + 2.5 + 1.5 - 0.3 = 5



**SCORESHEET**

Fight 1 D, Stage: 2, Problem No. 4

sign *Fang-Yuh Lo*

Lo, Fang-Yuh

Rep: Serbia *Milica Petrošević* Opp: Bulgaria *Nikolay Mitev* Rev: Hungary *Daniel Cipovics*

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	
2 <input type="checkbox"/> fair	2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input checked="" type="checkbox"/> good	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input type="checkbox"/> deep and comprehensible, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			

NOTES: theory is too weak. even ~~some~~ force analysis is

~~trend~~ trend analysis at least for angle dependence is possible

motion of the balls missing. difference ref./characteristics pressure

**OPPONENT**

Start from 1 and add/subtract

1 + 1.3 + 2.5 + 2.3 - 0 = 7

QUESTIONS ASKED		OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
0 <input type="checkbox"/> too few, mostly irrelevant	1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	understanding of presentation	relevant topics addressed	own opinions presented	prioritisation	time management	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	
1 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used		1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
		2 <input type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> good	2 <input checked="" type="checkbox"/> reasonable	
		3 <input type="checkbox"/> all relevant points	3 <input checked="" type="checkbox"/> many	3 <input checked="" type="checkbox"/> many correct	3 <input checked="" type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input checked="" type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input checked="" type="checkbox"/> fair	
		4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES: QA time somewhat a bit speech

not reasonable for min pressure calculation. a bit with the drag force.

threshold, saturation, ball rotation pointed out. → good

**REVIEWER**

Start from 1 and add/subtract

1 + 1.2 + 2 + 2 + 1.5 - 0.3 = 8

QUESTIONS ASKED		REVIEW OF REPORT			REVIEW OF OPPOSITION			DISCUSSION ANALYSIS		MISSED POINTS POINTED OUT	ANSWERS TO JURY QUESTIONS
0 <input type="checkbox"/> too few, mostly irrelevant	1 <input checked="" type="checkbox"/> relevant, meant to clarify unclear points	report evaluation & understanding	pros & cons	prioritisation	0 <input type="checkbox"/> poor/wrong	0 <input type="checkbox"/> irrelevant	0 <input type="checkbox"/> no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	-1 <input type="checkbox"/> irrelevant 0 <input checked="" type="checkbox"/> none 1 <input type="checkbox"/> relevant, constructive -2 <input type="checkbox"/>	
1 <input type="checkbox"/> + suitably allotted to Rep & Opp, most time used		1 <input type="checkbox"/> partial	1 <input type="checkbox"/> partially relevant	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> poor/wrong	1 <input type="checkbox"/> irrelevant	1 <input type="checkbox"/> no	1 <input type="checkbox"/> too short/long	1 <input type="checkbox"/> some		
2 <input type="checkbox"/> + short, apt and clear, well prioritized, time managed efficiently		2 <input checked="" type="checkbox"/> good	2 <input checked="" type="checkbox"/> mostly adequate	2 <input type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> informative, apt	2 <input checked="" type="checkbox"/> mostly adequate	2 <input type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> relevant parts	2 <input checked="" type="checkbox"/> many		
		3 <input type="checkbox"/> detailed, complex	3 <input type="checkbox"/> fully adequate	3 <input checked="" type="checkbox"/> good	3 <input type="checkbox"/> condensed & accurate	3 <input checked="" type="checkbox"/> fully adequate	3 <input type="checkbox"/> good	3 <input type="checkbox"/> accurate, conclusive	3 <input type="checkbox"/> fully adequate		

NOTES:



**REPORTER**

Start from 1 and add/subtract

1 + 1.5 + 1 - 0 = 4



**SCORESHEET**

Fight 1 D, Stage: 2, Problem No. 4

Rep: Serbia

Opp: Bulgaria

Rev: Hungary

Maizelis, Zakhar

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 --- almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0 --- too few	poor	0 --- concise and correct or no questions asked -1 --- some incorrect, inconclusive or too long -2 --- deeply incorrect or show deep misconceptions
1 --- some fair	some fair	some	some	review of sources, cited	partly	partly clear	1 --- some many	some aspects fine good	
2 ---		fair	not well fitting	some own input	average	average	2 --- + data/theory convincingly supported	some aspects efficient	
3 --- good	good	well performed, sufficient number	deviations qualitatively analysed	+ some interesting results	some aspects above average	some parts well done	3 --- proved deep understanding	overall efficient	
4 --- detailed demonstrative	quite detailed, correct	+ results explained errors analysed	+ theory limits explained, conclusive	considerable experimental or theoretical	interesting solution	overall clear, demonstrative			
5 --- deep and comprehensive, shows 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			
6 ---									

NOTES:

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 1.8 + 1.8 - 0 = 6

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 --- too few, mostly irrelevant	almost nothing	no or irrelevant	too few	no	poor	0 --- almost no	too few	poor	no	0 --- concise and correct or no questions asked -1 --- some incorrect, inconclusive or too long -2 --- deeply incorrect or show deep misconceptions
1 --- relevant, aimed at resolving unclear points in the report	some main points	few	some	some	reasonable	1 --- few	some	some aspects fine	some	
2 --- + short, apt and clear, well prioritized, all time used	main points	some	some correct	reasonable	fair	2 --- some	some correct	good	reasonable	
	all relevant points	many	many correct	fair	efficient	3 --- good	many correct	some aspects efficient	fair	
	practically all points	practically all	+ improvement suggestions	very good	+ all time used	4 --- new crucial point(s)	+ improvement suggestions	overall efficient	very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

1 + 1.2 + 2 + 2 + 1 - 0 = 7

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

NOTES:

**REPORTER**

Start from 1 and add/subtract

1 + 2 + 2 - 0 = 5



**SCORESHEET**

Fight 1 D, Stage: 2, Problem No. 4

sign *Yoon*

Yoon, Young-Gui

Rep: Serbia

Opp: Bulgaria

Rev: Hungary

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	
2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> not well fitting	2 <input checked="" type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input type="checkbox"/> good	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations	3 <input type="checkbox"/> + some interesting results	3 <input checked="" type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input checked="" type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	
4 <input type="checkbox"/> detailed	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained	4 <input type="checkbox"/> + theory limits	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input type="checkbox"/> demonstrative	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> errors analysed	5 <input type="checkbox"/> explained, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			
6 <input type="checkbox"/> deep and comprehensible, shows physical insight		6 <input type="checkbox"/> + reproducible, convincing analysis	6 <input type="checkbox"/> well fitting, deviations analysed, conclusive						

NOTES:

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 2 + 2 - 0 = 6

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> fair	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input type="checkbox"/> good	2 <input type="checkbox"/> reasonable	
	3 <input type="checkbox"/> all relevant points	3 <input checked="" type="checkbox"/> many	3 <input checked="" type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input checked="" type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input checked="" type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input checked="" type="checkbox"/> all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

1 + 1.5 + 2 + 2 + 1 - 0 - 0 = 7

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

NOTES:

**REPORTER**

Start from 1 and add/subtract

1 + 1.5 + 1.5 -  = 4



**SCORESHEET**

Fight 1 D, Stage: 3, Problem No. \_\_\_\_\_

sign

Plesch, Martin

Rep: Bulgaria

Opp: Hungary

Rev: Serbia

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input type="checkbox"/> good	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	
4 <input type="checkbox"/> detailed	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input type="checkbox"/> demonstrative	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			
6 <input type="checkbox"/> deep and comprehensive, shows physical insight									

NOTES:

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 1.5 + 3 -  = 6

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input type="checkbox"/> concise and correct or no questions asked -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> reasonable	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> good	2 <input type="checkbox"/> reasonable	
	3 <input type="checkbox"/> all relevant points	3 <input type="checkbox"/> many	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

1 + 1 + 1 + 1 + 1 -  -  = 5

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

NOTES:

**REPORTER** Start from 1 and add/subtract

$$1 + 1.75 + 1.75 - \square = 5$$



**SCORESHEET**  
 Fight 1 D, Stage: 3, Problem No. 1  
 Rep: Bulgaria Opp: Hungary

sign Tomasz Greczylo  
 Rev: Serbia

Greczylo, Tomasz

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> -1 <input type="checkbox"/> some incorrect, inconclusive or too long -2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	
2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input checked="" type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input checked="" type="checkbox"/> average	2 <input checked="" type="checkbox"/> many	2 <input type="checkbox"/> good	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input checked="" type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input checked="" type="checkbox"/> some aspects efficient	
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input type="checkbox"/> deep and comprehensible, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			
6 <input type="checkbox"/>									
7 <input type="checkbox"/>									

NOTES: - lack of theory and qualitative analyse

**OPPONENT** Start from 1 and add/subtract

$$1 + 0.5 + 1.5 + 1.75 - \square = 5$$

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input checked="" type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> some incorrect, inconclusive or too long -1 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input checked="" type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input checked="" type="checkbox"/> main points	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> reasonable	2 <input type="checkbox"/> fair	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input type="checkbox"/> good	2 <input checked="" type="checkbox"/> reasonable	
	3 <input checked="" type="checkbox"/> all relevant points	3 <input type="checkbox"/> many	3 <input checked="" type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input checked="" type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input checked="" type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES: - questions about details of the motors during opposition speeds

**REVIEWER** Start from 1 and add/subtract

$$1 + 1.5 + 1.25 + 1 + 0.5 + 0 - \square = 5$$

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

NOTES: - asked about measurements and theoretical aspects

**REPORTER**

Start from 1 and add/subtract

1 + 2 + 1 - 0.5 = 4



**SCORESHEET**

Fight 1 D, Stage: 3, Problem No. 1

sign *Fang-Yuh Lo*

Lo, Fang-Yuh

Rep: Bulgaria

Opp: Hungary

Rev: Serbia

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked 1 <input checked="" type="checkbox"/> some incorrect, 2 <input type="checkbox"/> inconclusive or too long 3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input checked="" type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input checked="" type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	
2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input checked="" type="checkbox"/> good	
3 <input type="checkbox"/> good	3 <input type="checkbox"/> good	3 <input type="checkbox"/> well performed, sufficient number	3 <input type="checkbox"/> deviations qualitatively analysed	3 <input type="checkbox"/> + some interesting results	3 <input type="checkbox"/> some aspects above average	3 <input type="checkbox"/> some parts well done	3 <input type="checkbox"/> + data/theory convincingly supported	3 <input type="checkbox"/> some aspects efficient	
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input type="checkbox"/> overall clear, demonstrative	4 <input type="checkbox"/> proved deep understanding	4 <input type="checkbox"/> overall efficient	
5 <input type="checkbox"/> deep and comprehensible, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input type="checkbox"/> + complex concepts well communicated			
6 <input type="checkbox"/>									

NOTES: no systematic investigations  
no quantitative description

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 1.5 + 1.3 - 0 = 5

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input checked="" type="checkbox"/> no	0 <input checked="" type="checkbox"/> concise and correct or no questions asked 1 <input type="checkbox"/> some incorrect, 2 <input type="checkbox"/> inconclusive or too long 3 <input type="checkbox"/> deeply incorrect or show deep misconceptions
1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input checked="" type="checkbox"/> few	1 <input checked="" type="checkbox"/> some	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input checked="" type="checkbox"/> few	1 <input checked="" type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input checked="" type="checkbox"/> some	
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input checked="" type="checkbox"/> main points	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> fair	2 <input type="checkbox"/> some	2 <input type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> good	2 <input type="checkbox"/> reasonable	
	3 <input type="checkbox"/> all relevant points	3 <input type="checkbox"/> many	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> fair	3 <input type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input type="checkbox"/> many correct	3 <input type="checkbox"/> some aspects efficient	3 <input type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES: QA: some irrelevant question

**REVIEWER**

Start from 1 and add/subtract

1 + 0.8 + 1.3 + 1.3 + 0.7 ± 0 - 0.3 = 5

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

NOTES: QA = Although time used but mostly irrelevant

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

**REPORTER**

Start from 1 and add/subtract

1 + 2 + 1 - 0 = 4



**SCORESHEET**

Fight 1 D, Stage: 3, Problem No. 1

sign *[Signature]*

Maizelis, Zakhar

Rep: Bulgaria

Opp: Hungary

Rev: Serbia

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 - almost no	almost no	too few	no/ almost no	others' data, incorrectly cited	misunderstood	unclear, chaotic	0 - too few	poor	0 - concise and correct or no questions asked
1 - some	some	some	some	review of sources, cited	partly	partly clear	1 - some	some aspects fine	1 - some incorrect, inconclusive or too long
2 - fair	fair	fair	not well fitting	+ some own input	average	average	2 - + data/theory convincingly supported	good	2 - deeply incorrect or show deep misconceptions
3 - good	good	well performed, sufficient number	deviations	+ some interesting results	some aspects above average	some parts well done	3 - proved deep understanding	overall efficient	
4 - detailed demonstrative	quite detailed, correct	+ results explained errors analysed	qualitatively analysed	considerable experimental or theoretical	interesting solution	overall clear, demonstrative			
5 - 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	+ complex concepts well communicated			

NOTES:

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 1.3 + 1.5 - 0 = 5

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 - too few, mostly irrelevant	almost nothing	no or irrelevant	too few	no	poor	0 - almost no	too few	poor	no	0 - concise and correct or no questions asked
1 - relevant, aimed at resolving unclear points in the report	some main points	few	some	some	reasonable	1 - few	some	some aspects fine	some	1 - some incorrect, inconclusive or too long
2 - + short, apt and clear, well prioritized, all time used	main points	some	some correct	reasonable	fair	2 - some	some correct	good	reasonable	2 - deeply incorrect or show deep misconceptions
	all relevant points	many	many correct	fair	efficient	3 - good	many correct	some aspects efficient	fair	
	practically all points	practically all	+ improvement suggestions	very good	+ all time used	4 - new crucial point(s)	+ improvement suggestions	overall efficient	very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

1 + 1 + 1.5 + 1.8 + 1 ± 0 - 0 = 6

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

NOTES:

**REPORTER**

Start from 1 and add/subtract

1 + 3 + 2 - 0.5 = 6



**SCORESHEET**

Fight 1 D, Stage: 3, Problem No. 1

sign

Yoon

Yoon, Young-Gui

Rep: Bulgaria

Opp: Hungary

Rev: Serbia

REPORT							DISCUSSION WITH OPPONENT		ANSWERS TO JURY, OPPONENT, and REVIEWER'S QUESTIONS
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	
0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no/ almost no	0 <input type="checkbox"/> others' data, incorrectly cited	0 <input type="checkbox"/> misunderstood	0 <input type="checkbox"/> unclear, chaotic	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> concise and correct or no questions asked
1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> review of sources, cited	1 <input type="checkbox"/> partly	1 <input type="checkbox"/> partly clear	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input checked="" type="checkbox"/> some incorrect, inconclusive or too long
2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> fair	2 <input type="checkbox"/> not well fitting	2 <input type="checkbox"/> some own input	2 <input type="checkbox"/> average	2 <input type="checkbox"/> average	2 <input type="checkbox"/> many	2 <input type="checkbox"/> good	2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
3 <input type="checkbox"/> good	3 <input checked="" type="checkbox"/> good	3 <input checked="" type="checkbox"/> well performed, sufficient number	3 <input checked="" type="checkbox"/> deviations qualitatively analysed	3 <input checked="" type="checkbox"/> + some interesting results	3 <input checked="" type="checkbox"/> some aspects above average	3 <input checked="" type="checkbox"/> some parts well done	3 <input checked="" type="checkbox"/> + data/theory convincingly supported	3 <input checked="" type="checkbox"/> some aspects efficient	
4 <input type="checkbox"/> detailed demonstrative	4 <input type="checkbox"/> quite detailed, correct	4 <input type="checkbox"/> + results explained errors analysed	4 <input type="checkbox"/> + theory limits explained, conclusive	4 <input checked="" type="checkbox"/> considerable experimental or theoretical	4 <input type="checkbox"/> interesting solution	4 <input checked="" type="checkbox"/> overall clear, demonstrative			
5 <input type="checkbox"/> deep and comprehensive, shows physical insight	5 <input type="checkbox"/> detailed, complex, completely testable	5 <input type="checkbox"/> + reproducible, convincing analysis	5 <input type="checkbox"/> well fitting, deviations analysed, conclusive	5 <input checked="" type="checkbox"/> considerable experimental and theoretical	5 <input type="checkbox"/> greater extent than expected	5 <input checked="" type="checkbox"/> + complex concepts well communicated			

NOTES:

**OPPONENT**

Start from 1 and add/subtract

1 + 1 + 2 + 2 - 0 = 6

QUESTIONS ASKED	OPPOSITION (SPEECH)					DISCUSSION WITH REPORTER				ANSWERS TO JURY and REVIEWER'S QUESTIONS
	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	
0 <input type="checkbox"/> too few, mostly irrelevant	0 <input type="checkbox"/> almost nothing	0 <input type="checkbox"/> no or irrelevant	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> no	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> almost no	0 <input type="checkbox"/> too few	0 <input type="checkbox"/> poor	0 <input type="checkbox"/> no	0 <input checked="" type="checkbox"/> concise and correct or no questions asked
1 <input checked="" type="checkbox"/> relevant, aimed at resolving unclear points in the report	1 <input type="checkbox"/> some main points	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some	1 <input type="checkbox"/> reasonable	1 <input type="checkbox"/> few	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some aspects fine	1 <input type="checkbox"/> some	1 <input type="checkbox"/> some incorrect, inconclusive or too long
2 <input type="checkbox"/> + short, apt and clear, well prioritized, all time used	2 <input checked="" type="checkbox"/> main points	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> reasonable	2 <input checked="" type="checkbox"/> fair	2 <input checked="" type="checkbox"/> some	2 <input checked="" type="checkbox"/> some correct	2 <input checked="" type="checkbox"/> good	2 <input checked="" type="checkbox"/> reasonable	2 <input type="checkbox"/> deeply incorrect or show deep misconceptions
	3 <input checked="" type="checkbox"/> all relevant points	3 <input checked="" type="checkbox"/> many	3 <input checked="" type="checkbox"/> many correct	3 <input checked="" type="checkbox"/> fair	3 <input checked="" type="checkbox"/> efficient	3 <input type="checkbox"/> good	3 <input checked="" type="checkbox"/> many correct	3 <input checked="" type="checkbox"/> some aspects efficient	3 <input checked="" type="checkbox"/> fair	
	4 <input type="checkbox"/> practically all points	4 <input type="checkbox"/> practically all	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> very good	4 <input type="checkbox"/> + all time used	4 <input type="checkbox"/> new crucial point(s)	4 <input type="checkbox"/> + improvement suggestions	4 <input type="checkbox"/> overall efficient	4 <input type="checkbox"/> very good	

NOTES:

**REVIEWER**

Start from 1 and add/subtract

1 + 1 + 1 + 1 + 1 - 0 - 0 = 5

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

NOTES: