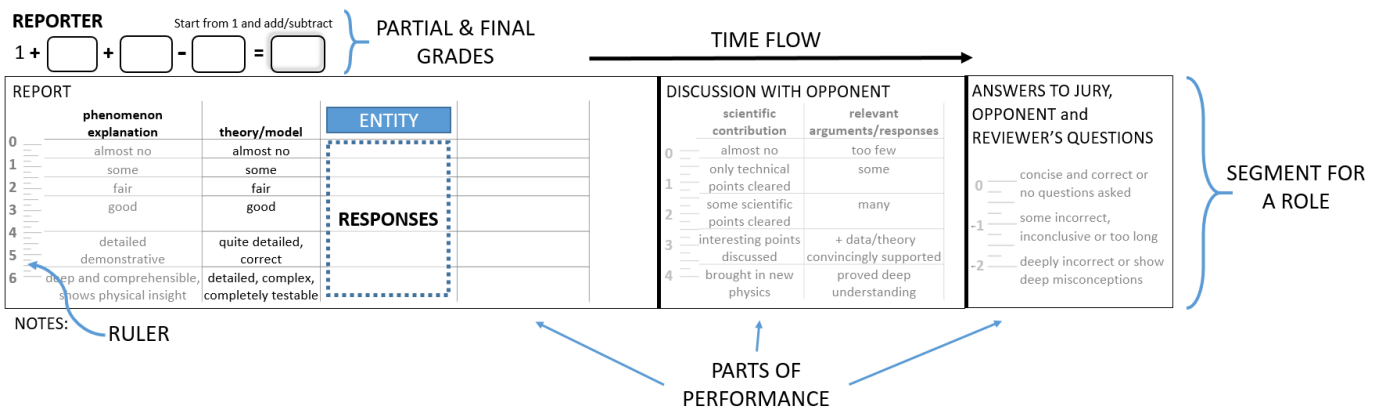# Quick guide to Scoresheet '17

Structure of the scoresheet

- Each role has its own *SEGMENT,* arranged from top to bottom (Rep, Opp, Rev)
- *PARTS OF PERFORMANCE* are aligned from left to right, corresponding to time flow
- *ENTITY* = category to evaluate, single column
- *RESPONSES* = levels of how satisfyingly an entity was performed/fulfilled, arranged from top to bottom from smallest to biggest number of points added (subtracted in case of answers)

REPORTER   Start from 1 and add/subtract

1 + ☐ + ☐ - ☐ = ☐   PARTIAL & FINAL GRADES   TIME FLOW →

REPORT			ENTITY		DISCUSSION WITH OPPONENT			ANSWERS TO JURY, OPPONENT and REVIEWER'S QUESTIONS	
	phenomenon explanation	**theory/model**				**scientific contribution**	**relevant arguments/responses**		
0	almost no	almost no			0	almost no	too few		concise and correct or no questions asked
1	some	some		**RESPONSES**		only technical points cleared	some	0	
2	fair	fair			1	some scientific points cleared	many		some incorrect, inconclusive or too long
3	good	good			2			-1	
4					3	interesting points discussed	+ data/theory convincingly supported		deeply incorrect or show deep misconceptions
5	detailed demonstrative	quite detailed, correct			4	brought in new physics	proved deep understanding	-2	
6	deep and comprehensible, shows physical insight	detailed, complex, completely testable							

NOTES: RULER   SEGMENT FOR A ROLE

PARTS OF PERFORMANCE

Grading

1. During / after each part of performance, the juror is supposed to:
   - Mark one (or multiple*) *responses* for each relevant** *entity* (column)
2. Evaluating:
   - Make a 'visual average' of points for *responses* in one particular *part of performance* according to the *ruler* on the left hand side of each set of responses. This can be a decimal number or an interval
   - Start from 1 and add or subtract points assigned for each *part of performance* ***
   - Choose the closest integer from range [1,10] – this is the final grade.

OPPONENT   Start from 1 and add/subtract

1 + ☐1.5☐ + ☐[3; 3.5]☐ + ☐ - ☐ = ☐

QUESTIONS ASKED		OPPOSITION (SPEECH)				
0	almost no, irrelevant		**time used**	**understanding of presentation**	**relevant topics addressed**	**correct own opinions expressed**	**prioritisation**
	some relevant, aimed at resolving	0	almost no	almost nothing	no or irrelevant	almost no	no
1	some unclear points	1	very little	some main points	few	some	almost no
	short allowing short answers,	2	not all	main points	some	to important topics	some
2	prioritized, all time used	3	almost all	all relevant points	many	to most topics	reasonable
		4	all & efficiently	practically all points	practically all	+ improvement suggestions	very good

NOTES:

Example 1: quite good presentation, well done opponent's speech

OPPONENT   Start from 1 and add/subtract

$1 +$ ☐1.5 $+$ ☐[3; 3.5] $+$ ☐ $-$ ☐ $=$ ☐

QUESTIONS ASKED					
0 — almost no, irrelevant					
— some relevant, aimed at resolving					
1 — some unclear points					
2 — short allowing short answers, prioritized, all time used					

OPPOSITION (SPEECH)				
	time used	**understanding of presentation**	**relevant topics addressed**	**correct own opinions expressed**	**prioritisation**
0	almost no	almost nothing	no or irrelevant	almost no	no
1	very little	some main points	few	some	almost no
2	not all	main points	some	to important topics	some
3	almost all	all relevant points	many	to most topics	reasonable
4	all & efficiently	practically all points	practically all	+ improvement suggestions	very good

NOTES:

Time used is weighted less than e.g. *relevant topics addressed*

Very little was said in the presentation - prioritisation can hardly be present

Example 2: weak presentation, well done opponent's speech

Recommendations:

- an entity is to be completely eliminated when action is <u>not expectable</u>, not in the case when it just wasn't done
- entities can have different weights, score for each part of performance is a <u>weighted average</u>
- <u>double penalty</u> should be avoided when subtracting points for answers
- for <u>reporter</u>, points for *discussion with opponent* part of performance should not exceed the amount of points scored for *report*

Please note that:

- **FOR** *ANSWERING JURY (OPPONENT AND REVIEWER) QUESTIONS* **ONLY 0 OR NEGATIVE POINTS CAN BE OBTAINED**[****]
- **CORRESPONDENCE BETWEEN ROWS AND POINTS IS NOT LINEAR**
- **THE AMOUNT OF THE POINTS ASSIGNED IS NOT EQUAL TO THE ROW'S NUMBER**
- **THE INCREASING THICKNESS OF THE LOWER ROWS IS THERE ON PURPOSE, TO ALLOW BETTER DIFFERENTIATION IN THE HIGHER GRADES REGION**
- **#***ALMOST ALL* **MEANS ALMOST ALL THAT IS IN THE BENCHMARK OF THE PROBLEM OR REPORTER'S EXPLANATION**

* *It's up to the juror to decide whether to single out one of the predefined responses, and put a mark on it, or to decide that his/her evaluation is somewhere in between two or more of the responses*

** *One may even imagine a situation when a juror decides that it makes no sense to evaluate certain entity – e.g. prioritization in opponents' speech if it could not be, based on the report, expected*

***While evaluating answers to jury questions, points should only be subtracted for an incorrect answer, if for the same claim / opinion points haven't been already subtracted in other entities: no double penalty*

****This is due to the fact that a team must not be punished for not being asked. When no questions were asked or all of them are answered correctly, no points are neither added nor subtracted, if there are some incorrect answers, points can be subtracted.*