

NTSE - Nano Technology Science Education

Project No: 511787-LLP-1-2010-1-TR-KA3-KA3MP

EVALUATION OF POSTERS



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AIM: The aim of the evaluation is to ensure a fair assessment of the NTSE project posters produced by the students involved in the competition.

ACTIVITIES: All partners will be in charge of poster evaluation through

- 1) Selecting the representative of the Assessment Team (experts, academics, institutions' representatives etc.)
- 2) Examination of project posters
- 3) Evaluation Method

1- SELECTING THE REPRESENTATIVE OF THE ASSESSMENT TEAM

The Assessment Team is composed by:

• 1 representative selected by each partner

Team representatives will be selected by the Steering Committee among experts, academics, institutions' representatives etc.

	ORGANISATION	COUNTRY	NAME and SURNAME
1	DOGA	TURKEY	
2	FONDAZIONE	ITALY	
3	SIRMA MEDIA	BULGARIA	
4	FORTH	GREECE	
5	UVT	ROMANIA	
6	ССТА	BULGARIA	

2 - EXAMINATION OF NTSE PROJECT POSTERS

The examination period will start 16th April 2013 and will finish on 19th April 2013. Each poster will be identified with a Code that encompasses the National Reference and the progressive number in a national winners list (annex 2)(Example IT-01 is a poster that comes from Italy number 1).

All Committee members will fill the evaluation sheet for each poster. The list of calculation of the criteria and national winners must be sent till 19 April 2013 to the Project Coordinator and P3 SIRMA MEDIA at the e-mail address: <u>zuhalyd@gmail.com</u>





and <u>kichka.minkova@sirma.bg</u> as an excel file (annex 1) named with the name/surname of the competitors.

3 - EVALUATION METHOD

NTSE posters will be evaluated in two steps. First selection will be done according to the criteria in the RUBRIC below. The second step is the poster sessions in APMAS 2013 International Congress in Antalya (<u>http://www.apmas2013.org/</u>). Criteria for selection of

Percentage distributio	Criteria	Points		
60%	Clarity of Content	18		
20%	Clarity of Design	6		
20%	Online voting	6		
1 st SCORE	30			
ANTALYA SC	20			
SCORE)				
TOTAL SCOR	50			

posters will be done as in the following;

I. SELECTION OF POSTERS (1st STEP)

The use of the rubric to evaluate student work on NTSE posters, you should determine the number of points achieved in each of 6 categories. For each criterion, the lowest score possible is 0 and the highest is 3. The highest score will be 18 points with a threshold of 12. If the score of poster below 12 in Content, it will not be selected for sessions in APMAS 2013 International Congress in Antalya.

RUBRIC: For the selection of the posters for Antalya

CATEGORY	3	2	1	0
Required Elements	The poster includes all required elements as well as additional information.	All required elements are included on the poster.	All but 1 of the required elements are included on the poster.	2 or more required elements were missing.
Text Accurate Information about the chosen Nanotech topic	At least 5 accurate facts are displayed on the poster.	At least 3-4 accurate facts are displayed on the poster.	At least 1-2 accurate facts are displayed on the poster.	No accurate facts are displayed on the poster.
Content- Creative Ideas about the future applications of the chosen Nanotech topic	Highly creative ideas about future applications are included in the poster	Creative ideas about future applications are included in the poster	ideas about future applications that are included in the poster are slightly creative	ideas about future applications are not included in the poster
Images and Graphics used in the Poster	All graphics and images are related to the topic and make it easier to understand. All borrowed graphics and images have a	All graphics and images are related to the topic and most make it easier to understand. All borrowed graphics and images have a	All graphics and images relate to the topic. Not all borrowed graphics and images have a source citation	Graphics and images do not relate to the topic OR all borrowed graphics and images do not have a source





	source citation.	source citation.		citation.	
Adequacy of the	Many various	Various scientific 1-2 references		No scientific	
references	scientific references	references are used	are used and	references are	
	are used and shown	and shown in the shown in the		used and shown in	
	in the poster	poster	poster	the poster	
Language /	There are no	There are very few	There are many	The poster is full	
Spelling	spelling mistakes in	spelling mistake	spelling mistakes	of spelling	
	the poster			mistakes	
High Score (Clarit	18				
Threshold (Clarity	12				
DESIGN OF THE PO					
Clarity of Title	-				
Headers	6				
Arrangement of tex					
Color combinations					
ONLINE VOTING	6				
TOTAL	30				
	20				

Scale For Online Voting	(20%)
Votes 1-20	1 point
<i>Votes 21-40</i>	2 points
Votes 41-70	3 points
Votes 71-100	4 points
Votes 101-150	5 points
Votes 151 +	6 points

Annex 1: The Score List of Competitors

	Content										
Student	Elements	Text	Graphics	Future	References	Language	Tot. Content	Design	Voting	Total	
Student1	3	3	3	3	3	3	18	6	6	30	Pass
Student2	2	3	2	1	2	3	13	5	2	20	Pass
Student3	2	2	2	0	2	3	11	5	6	22	Failed
Student4	3	3	2	2	2	3	15	4	2	21	Pass
Student5	2	2	2	2	1	3	12	3	2	17	Failed
Student6	3	3	1	2	3	3	15	4	3	22	Pass
Student7	0	0	0	0	0	0	0	0	0	0	Failed
Student8	0	0	0	0	0	0	0	0	0	0	Failed
Student9	0	0	0	0	0	0	0	0	0	0	Failed
Student10	0	0	0	0	0	0	0	0	0	0	Failed
Student11	0	0	0	0	0	0	0	0	0	0	Failed
Student12	0	0	0	0	0	0	0	0	0	0	Failed
Student13	0	0	0	0	0	0	0	0	0	0	Failed
Student14	0	0	0	0	0	0	0	0	0	0	Failed
Student15	0	0	0	0	0	0	0	0	0	0	Failed
Student16	0	0	0	0	0	0	0	0	0	0	Failed





Annex 2: NATIONAL WINNER LIST FOR ANTALYA

	NAME AND SURNAME	TITLE OF POSTER	ORGANIZATION/ SCHOOL	COUNTRY	TOTAL SCORE
1	Stratis Trachanias, Nikiforos Mplemenos, Alexandros Moschogiannakis	Applications of nanoelectronics	2 nd Gymnasium of Heraklion, Crete	Greece	31.6
2	Furkan Satıs	Nanomedicine	Atasehir Doga High School	Turkey	33.6
3	Davide Cagno	Nano for diabetes mellitus	Liceo Scientifico Mazzini Napoli	Italy	30.6
4	Victoria T. Trendafilova	Nanotechnology used in electronic devices	National High-school of natural sciences and	Bulgaria	28.4
5	Dogaru Gabriela	Nanotechnology in sports equipment	Liceul de Arte "Bălaşa Doamna"	Romania	20.4