The following evaluation criteria will be used for judging at the Intel ISEF and SARSEF 2013. Awards’ judging is conducted using a **100-point scale** with points assigned to the research question, design and methodology, execution, creativity, and presentation. Following please find information that will assist you in evaluating and scoring in each of these categories.

Each section includes key items to consider for evaluation both before and after the interview. Students are encouraged to design their posters in a clear and informative manner to allow pre-interview evaluation and to enable the interview to become an in-depth discussion. Judges should examine the student notebook and, if present, any special forms such as Form 1C (Regulated Research Institution/Industrial Setting) and Form 2 (Qualified Scientist). Considerable emphasis is placed on two areas: **Creativity** and **Presentation**, especially the **Interview** section.

I. Research Problem (10 pts.)  
___ description of a practical need or problem to be solved  
___ definition of criteria for proposed solution  
___ explanation of constraints  

II. Design and Methodology (15 pts.)  
___ exploration of alternatives to answer need or problem  
___ identification of a solution  
___ development of a prototype/model  

III. Execution: Construction and Testing (20 pts.)  
___ prototype demonstrates intended design  
___ prototype has been tested in multiple conditions/trials  
___ prototype demonstrates engineering skill and completeness  

IV. Creativity (20 pts.)  
(A creative project demonstrates imagination and inventiveness. Such projects often offer different perspectives that open up new possibilities or new alternatives. Judges should place emphasis on research outcomes in evaluating creativity.)  
___ project demonstrates significant creativity in one or more of the above criteria  

V. Presentation (35 pts.)  
(Presentation/Interview: The interview provides the opportunity to interact with the finalists and evaluate their understanding of the project’s basic science, interpretation and limitations of the results and conclusions.  
  · If the project was done at a research or industrial facility, the judge should determine the degree of independence of the finalist in conducting the project, which is documented on Form 1C and Form 2.  
  · If the project was completed at home or in a school laboratory, the judge should determine if the finalist received any mentoring or professional guidance.  
  · If the project is a multi-year effort, the interview should focus ONLY on the current year’s work. Judges should review the project’s abstract and Form 7 (Intel ISEF Continuation Projects) to clarify what progress was completed this year.  
  · Please note that both team and individual projects are judged together, and projects should be judged only on the basis of their quality. However, all team members should demonstrate significant contributions to and an understanding of the project.)  

a. Poster 10 pts.)  
___ logical organization of material  
___ clarity of graphics and legends  
___ supporting documentation displayed  

b. Interview (25 pts.)  
___ clear, concise, thoughtful responses to questions  
___ understanding of basic science relevant to project  
___ understanding interpretation and limitations of results and conclusions  
___ degree of independence in conducting project  
___ recognition of potential impact in science, society and/or economics  
___ quality of ideas for further research  
___ for team projects, contributions to and understanding of project by all members