2013 ASCE PACIFIC SOUTH WEST CONFERENCE

Technical Paper and Presentation

OBJECTIVE

- To thoughtfully consider and present meaningful analysis on technical subjects related to the practice of Civil Engineering.

PARTICIPANTS

- Each school may only enter one paper written by one person
- This person must be a registered participant of PSWC 2013

EVENT DESCRIPTION

One member from each ASCE student chapter is to write a paper by themselves and deliver a presentation on the logic and reasoning of said paper. This technical paper and presentation is a national ASCE competition. This event is MANDATORY FOR EACH ASCE STUDENT CHAPTER. FAILURE TO PARTICIPATE WILL RESULT IN AN AUTOMATIC DISQUALIFICATION FROM THE ENTIRE PSWC 2013.

GENERAL RULES

- Technical Paper
  1. Must be written by one chosen participant from each ASCE student chapter
  2. Must be written in Times New Roman 12 point font.
  3. Cannot exceed 2000 words in length
  4. Required Cover Letter from the student chapter’s Faculty Advisor MUST contain the following information pertaining to the author of the paper:
     a. Name
     b. ASCE/AEI member ID number
     c. Mailing address
     d. Phone number
     e. Email address.
  5. The paper’s topic must be that of the 2013 National Daniel W. Mead Student Contest
  6. It MUST be submitted by FRIDAY, MARCH 1, 2013 to pswc2013@gmail.com with the subject line: [SCHOOL NAME] TECHNICAL PAPER SUBMISSION.
• Technical Presentation
  1. The presentation must be 5 minutes in length, with a ±10 second allowance. Every 10 seconds that are outside of this time parameter will result in a 1 point penalty. The presentation will be cut off at 6 minutes.
  2. After the presentation, the judges will have 3 minutes to ask questions if they would like.
  3. The presenter has 2 minutes to both set up and clean up for their presentation.
  4. The only materials that will be provided are a computer and a projector. Any other materials are the responsibility of the presenter.
  5. Visual aids (i.e. poster and powerpoints) are allowed. If a powerpoint presentation will be used, the final copy must be emailed to pswc2013@gmail.com by Saturday, March 23rd, 2013 with the subject line: [SCHOOL NAME] TECHNICAL PRESENTATION POWERPOINT. If the powerpoint is not submitted by this date, it cannot be used in the presentation.
  6. Spectators will be allowed, but seating is limited. If spectators are not silent, they will be asked to leave the presentation.

• JUDGING
  1. Three judges will score the event.
  2. The scoring criteria is provided on the next page.

• PRIZES
  1st Place – $125
  2nd Place – $50
  3rd Place – $25
### Technical Paper Scoring Criteria

<table>
<thead>
<tr>
<th>Technical Paper Scoring Criteria</th>
<th>Score</th>
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<tbody>
<tr>
<td>1. Adherence to the given topic</td>
<td>/15</td>
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<td>2. Originality and support of key ideas</td>
<td>/10</td>
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<td>3. Spelling, grammar, length (2000 word max) and format</td>
<td>/5</td>
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<tr>
<td>4. Overall quality, clarity, and organization of the paper</td>
<td>/20</td>
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<td><strong>Technical Paper Total</strong></td>
<td>/50</td>
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### Presentation Scoring

<table>
<thead>
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<tbody>
<tr>
<td>1. Ability to present key ideas and convince the audience of their importance</td>
<td>/30</td>
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<tr>
<td>2. Delivery style (i.e. memorized, reading, etc), pronunciation, use of technical language and grammar, and voice tone/projection</td>
<td>/10</td>
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<tr>
<td>3. Personal presence (i.e. professional appearance, eye contact, etc)</td>
<td>/5</td>
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<td>4. Time (5 minutes ± 10 seconds) (1 point penalty for every 10 seconds outside of this window)</td>
<td>/5</td>
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<tr>
<td>5. Errors in facts or logic (10 point max penalty)</td>
<td></td>
</tr>
<tr>
<td><strong>Presentation Total</strong></td>
<td>/50</td>
</tr>
</tbody>
</table>

**Overall Score** /100