

ASME ORAL COMPETITION

Oral Competition
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OVERVIEW					
Room	A/V	Food	Judges	Host Workers	Comments
2-4 Friday	Yes	NO	3 Industry Judges Per Session*	8-16	Total number of meeting rooms, judges, and host workers will be determined by number of entries.
1 Saturday	Yes	No	3 from Industry*	4	Run Off Competition
*To be provided by Host Section ... 3 judges from industry ... judges should not have graduated from a school nor work for a school with an ASME Student Section within district.					

RESPONSIBILITY OF HOST

√	When	Description
	1 Year Before SPDC	Obtain Secure On-Site Area for Oral Competition
	NLT January Year of SPDC	Locate Three (3) Industry Judges for Run-Off Competition on Saturday. Judges cannot have graduated from or work at any district university that has a ASME Student Section.
	ASAP	Send judges confirmation letter and copy of rules and score sheet
	End February	Send Judge Information to headquarters (form enclosed)
	Prior to SPDC	Include Thank you to all Oral judges SPDC Program
	Prior to SPDC	Include names of all competitors in the SPDC Program
	Prior to SPDC	Order appropriate A/V Equipment
	Prior to SPDC	Assign persons to perform duties of moderators, timekeepers, and door monitors. Supply information to headquarters (form enclosed)
	2 Weeks Before SPDC	Re-confirm judges.....If for any reason a judge cannot attend, obtain a replacement
	Day Before SPDC	Re-confirm workers, A/V equipment, signs ... If for any reason someone will not be able to work assign replacement
	Day Before SPDC	Re-confirm judges.....If for any reason a judge cannot attend, obtain a replacement
	At SPDC	Check for proper set up and that a/v equipment is in place and working
	At SPDC	All Moderators, Timekeepers, and Door Monitors to be at Oral Competition Meeting
	At SPDC	Signs in place and all A/V equipment hooked up and operating properly.
	At SPDC	Meet judges and escort to appropriate location (Saturday)
	At SPDC	Escort judges to lunch/dinner* (as appropriate)
	At SPDC	Conduct the Oral Competition Session
	After SPDC	Letter of Thank you To Judges

*Note: Judges should be invited to Lunch and/or dinner depending upon the time judging will be performed. Additionally, Judges and spouse should be invited to attend the Awards Banquet. (no charge).

Conference Web Site

IMPORTANT

If a prospective contestant contacts you and wants to know if he/she can compete in the Oral Competition tell them to contact headquarters.

ASME

Toll Free Voice: 800-THE-ASME

RESPONSIBILITY OF CONTESTANTS

√	When	Description
	By Deadline	Submit Entry form to ASME headquarters
	By Deadline	Advise A/V Requirements
	At SPDC	Show up at all required locations ... ON TIME

RESPONSIBILITY OF District Leader

√	When	Description
	Prior to SPDC	Assist in locating judges if Host requests help.
	At SPDC	Conduct Competitors Meeting (at Breakfast)
	At SPDC	Conduct Oral Competition Workers Meeting.
	At SPDC	Monitor competition rooms for conformance to guidelines.
	At SPDC	Tally Judges Scoresheets. Collect all Scoresheets. Give Tally sheet and scoresheets to headquarters representative.

RESPONSIBILITY OF ASME Headquarters

√	When	Description
√	ASAP	Post Entry form on the web
	Prior to SPDC	Check Entries for Eligibility and Post on web
	Prior to SPDC	Prepare Certificates of Participation for each entrant
	Prior to SPDC	Obtain Prize Money
	Prior to SPDC	Print Judges Scoring Sheets for each entry
	Prior to SPDC	Make Signs for Each Door "Presentation in Progress ... DO NOT ENTER"
	At SPDC	Assist with Order Selection for Presentations
	At SPDC	Distribute Certificates of Participation for each entry
	At SPDC	Make Judges Folders and Tally Sheets
	At SPDC	Assist at Workers Meeting
	At SPDC	Post names and order for Run-Off Competition
	At SPDC	Make Judges Folders and Tally Sheet
	At SPDC	Enter names of winners on the script for the Awards Banquet
	At SPDC	Make sure that prize money is available at the Awards Banquet

HOST PERSONNEL REQUIREMENTS

PERSONNEL NEEDED: FRIDAY - PRELIMINARY COMPETITION

- 1 Moderator each session
- 2 Timekeepers each session
- 1 Session Aide each session
- 1 Door Monitor for each entry/exit to presentation room

PERSONNEL NEEDED SATURDAY - RUN- OFF COMPETITION

- 1 Moderator
- 2 Timekeepers
- 1 Session Aide
- 1 Door Monitor each entry/exit to presentation room

A/V EQUIPMENT NEEDED ... EACH AND EVERY SESSION

Two Sessions = 2 of each, Three sessions - 3 of each, etc.

- 1 Screen
- 1 OH Projector w/extra light bulb
- 1 VCR
- 1 Multimedia Projector Hookup for VCR and Computer Hookup
(Contestant to provide their own computer)
- 1 Lapel (or remote) Mic
- 1 Free standing Podium
- 1 Light Pointer

Budget for 4 sessions on Friday and 1 session on Saturday

**LESSONS LEARNED ... IF USING PRESET EQUIPMENT (i.e. in a University Classroom)
DO NOT LOAD THE PPT PRESENTATION ONTO THE COMPUTER OR SERVER.**

**IF YOU DO BE SURE YOU ARE LOADING EVERYTHING NEEDED INCLUDING ANY
SPECIAL ANIMATION OR AUDIO PROGRAMS NECESSARY TO MAKE THE ENTIER PPT
PRESENTATION WORK PROPERLY.**

SUPPLIES TO BE PROVIDED BY SRO

- Signs as needed (Do not Enter, Session A, B, C, D)
- Judges Scoring Sheets
- Final Score Tally Sheets
- Boards and Supplies for Competitors/Judges Meeting (Rules, etc.)

AWARDS

DISTRICT AWARDS		INTERNATIONAL AWARDS	
FIRST	\$300.00 A trip to the IMECE to compete in the Old Guard International Competition	FIRST	\$2,000.00
SECOND	\$150.00	SECOND	\$1,500.00
THIRD	\$100.00	THIRD	\$1,000.00
FOURTH	\$50.00	FOURTH	\$500.00
HIGH SCORE IN TECHNICAL CONTEST Each Group on Friday	\$50.00		



PURPOSE

It is recognized that an engineer, like all professionals, must possess a well-developed ability to communicate, both orally and in writing. This competition is designed to emphasize the value of an ability to deliver oral presentations.

TOPIC

The topic is to be related to a technical, economic, or environmental aspect of engineering or any other basic engineering theme, provided it pertains to some sphere in which an engineer is or should be involved. Furthermore, a competitor may utilize any available resource but must realize that the presentation is to be an individual effort. Assistance in the use of visual aids is advisable. Good practice and courtesy suggests credit be given during the presentation for any outside help related to the reported project

CRITERIA

The subject matter must be related to some area of the broad field of engineering. Each presentation shall be made by one contestant.

Individual Student Member shall first compete at the Student Professional Development Conference. The district winners are then sent to compete at the national level, which takes place every year at Congress. The number of speakers per school varies among districts, but in no case may there be more than two contestants from any one Student Section at the district level.

The Presentation's duration is fifteen (15) minutes plus five (5) minutes for "questions and answers" immediately thereafter. Any time remaining or runovers of the fifteen minutes must be added to or subtracted from the five minute discussion. Questions are limited to the Student Members at the Conference, except those Student Members from the competitor's own Student Section.

JUDGING

The Presentations will be judged in four categories; Content, Organization, Delivery and Effectiveness, and Discussion.

Content

To what extent is the subject of interest to a technical audience? Is credit given for source of material or contribution by others? How much knowledge of subject was exhibited? Is work independent and original? Is the subject technical or general in nature?

Organization

Is there any novel approach to the subject? Is there sufficient background information provided in order to introduce the audience to the subject? Are the facts developed in logical and continuous sequence? Is there a definite conclusion and was it adequately based on the facts or data presented?

Delivery and Effectiveness

Are the words distinctly pronounced and was proper volume used to be heard by all? Is proper English used, and is the vocabulary sufficient? Is personal appearance appropriate? Are there any distracting mannerisms? Is the manner of delivery (conversation, memorized, read from manuscript) satisfactory? If visual aids are used, how effectively are they used? Is the presentation within the time limit of 15 minutes allowed for presentation?

Discussion

Is the presentation evoking spontaneous questions from the audience? Are the questions indicating the need for clarification of facts presented or were they merely of the type seeking additional information? How readily and with what self-assurance did the speaker answer questions? Are the answers indicating knowledge of the subject beyond that disclosed in the original presentation? Is the ability to think clearly demonstrated?

ELIGIBILITY

Each contestant must be a Student Member of ASME who:

- has not received an engineering degree
(Student Members who complete the requirements for their baccalaureate engineering degree, or who
- a. actually received that degree at the end of a term, semester, or quarter, a short time before a scheduled conference may still participate. These Student Members, however, must not have completed their degree requirements before December 1st of the calendar year prior to the Conference.)
- b. has been selected by his/her Student Section to participate
- c. has been certified by the ASME headquarters as a Student Member in good standing. (To be thus certified, a new Student Member **must have filed an application and paid the required dues prior to March 15;** the same holds true for a continuing Student Member.)

A student member may enter only one of the two Old Guard Competitions: The Oral Competition or the [Poster Competition](#)

IMPORTANT NOTE:

**All Contestants must submit a competition entry form.
Entry form and confirmation of entry will be posted on the web.**

SCORING SHEET FOR OLD GUARD ORAL COMPETITION AT SPDC

Name of Speaker _____

Name of School _____

Title of Presentation _____

Number on Program

Overall Rank

Technical Rank

	RANGE	SCORE	TOTAL
CONTENT	Maximum 30 points		
Subject Matter: General Technical	0 5 10		
Personal Contribution: Library Research, Independent Creative Project	0 5 10		
Knowledge of Subject: Limited, Complete	0 5 10		
ORGANIZATION	Maximum 30 points		
Introduction: Background (eliciting audience interest), Objectives, Outline of Presentation	0 5 10		
Continuity: Essential Facts Developed in Logical Sequence	0 5 10		
Conclusion: Definite and Based on Facts	0 5 10		
DELIVERY AND EFFECTIVENESS	Maximum 30 points		
Vocal Delivery: Conversation vs. Memorized, Proper Volume, Distinct Pronunciation, Timing	0 5 10		
Body Language: Eye Contact with Audience, Distracting Mannerisms	0 5 10		
Visual Aide: Legibility, Effectiveness	0 5 10		
DISCUSSION	Maximum 10 points		

TOTAL SCORE _____

These sheets will be provided by ASME Headquarters

SAMPLE PROGRAM PAGE

Oral Competition

***A Very Special
Thank You To Our
Judges***

*Joe Holms
ABC Manufacturing*

*Karen Silver
XYZ Elebtronics, Inc.*

*Jeffrey Talbot
MMM Industries*

The Competitors

Douglus Jordan **University of Alabama**
Feasibility Study: Use of Rapid Prototyping in Control Valve Design

Edgar Padron-Hernandez **University of Alabama in Huntsville**
*Design and Construction of a Prototype to Determine the Loss of Energy
Because of Internal Friction in the Fluids*

Dmitry Rachuk **Christian Brothers University**
Good Vibrations

Samuel Spade **Christian Brothers University**
Under the Oceans, Our Future Cities?

Melchor Aguilar Teran **Florida International University**
Incineration

Adam Culver **Georgia Institute of Technologg**
*Mechanical Characterization of Polyacrylonitrile Fibers: Comparison with
Human Muscle Performance*

Allen Burris **Savannah State University**
Improvement of the Efficiency of Geothermal Heat Pumps

Floyd B. Bell, III **University of South Alabama**
CVNR - Concentric Variable Nozzle Reducer

Divine Mofa **University of South Florida**
High Heat Flux Test Facility

Tameka Williamson **University of South Florida**
*Fabrication of Thermal Plastic Resin Matrix Composites
Cam Driven Heart Simulator*

ETC ETC ETC

Judges ... Confirmed ... For Group "A"

JUDGE
INFORMATION

Date Rules Sent

Names Submitted for
Program

Thank You Ltr

Standby Judge::

Judge #1

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #2

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #3

Name _____

Address _____

Telephone _____

Fax _____

Email _____

**Please send this info to
headquarters by end of
February.**

Judges ... Confirmed ... For Group "B"

JUDGE
INFORMATION

Date Rules Sent

Names Submitted for
Program

Thank You Ltr

Standby Judge::

Judge #1

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #2

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #3

Name _____

Address _____

Telephone _____

Fax _____

Email _____

**Please send this info to
headquarters by end of
February.**

Judges ... Confirmed ... For Group "C"

JUDGE
INFORMATION

Date Rules Sent

Names Submitted for
Program

Thank You Ltr

Standby Judge::

**Please send this info to
headquarters by end of
February.**

Judge #1

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #2

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #3

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judges ... Confirmed ... For Group "D"

JUDGE
INFORMATION

Date Rules Sent

Names Submitted for
Program

Thank You Ltr

Standby Judge::

Judge #1

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #2

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #3

Name _____

Address _____

Telephone _____

Fax _____

Email _____

**Please send this info to
headquarters by end of
February.**

Judges ... Confirmed ... For Run-Off

JUDGE
INFORMATION

Date Rules Sent

Names Submitted for
Program

Thank You Ltr

Standby Judge::

Judge #1

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #2

Name _____

Address _____

Telephone _____

Fax _____

Email _____

Judge #3

Name _____

Address _____

Telephone _____

Fax _____

Email _____

**Please send this info to
headquarters by end of
February.**

THE MODERATOR

THE MODERATOR IS THE MASTER OF CEREMONIES FOR THE SESSION

- Make sure all judges are in attendance before a speaker starts his/her presentation.
- Assist speaker in set up of A/V equipment if necessary
- Announce Name of Competitor
- Announce Title of Presentation
- Oversee the Conduct of the Question & Answer Session
Only Student Members at the Conference, except those from the competitor's home school, may ask questions

THE TIMEKEEPERS

TIME KEEPERS ARE RESPONSIBLE FOR TIMING OF PRESENTATIONS

Each presentation and Q/A session is to last a maximum of 20 minutes as follows:

- 15 minutes Oral Presentation
- 5 minutes Q/A session

First Time Keeper ... 12 Minutes

Rise and remain standing until speaker acknowledge

Second Time Keeper ... 14 Minutes

Rise and remain standing until speaker acknowledge

First & Second Time Keeper ... 15 minutes

Rise and remain standing until speaker acknowledge

First & Second Time Keeper ... 20 minutes

Rise and remain standing until speaker finishes

Recording/Reporting Functions

At end of Q/A Session make the following announcement: "Total time _____, Oral Portion ____."

DOOR MONITORS

Monitor doors to insure that nobody enters or leaves while presentation is in progress. Doors are to remain open between each speaker.

COMPETITION WORK ASSIGNMENTS

A/V Equipment Contact _____

Friday Session "A"

Moderator _____
Timekeeper 1 _____
Timekeeper 2 _____
Door Monitor _____
Door Monitor _____
Door Monitor _____

Friday Session "B"

Moderator _____
Timekeeper 1 _____
Timekeeper 2 _____
Door Monitor _____
Door Monitor _____
Door Monitor _____

Friday Session "C"

Moderator _____
Timekeeper 1 _____
Timekeeper 2 _____
Door Monitor _____
Door Monitor _____
Door Monitor _____

Friday Session "D"

Moderator _____
Timekeeper 1 _____
Timekeeper 2 _____
Door Monitor _____
Door Monitor _____
Door Monitor _____

Saturday Run- Off Session

Moderator _____
Timekeeper 1 _____
Timekeeper 2 _____
Door Monitor _____
Door Monitor _____
Door Monitor _____

Note: Total number of sessions on Friday will be determined by total number of entries received.

Please send this info to headquarters at least one week prior to SPDC.

Oral Competition Entry Form

Limit Two Entries Per Student Section

ENTRY FORM MUST BE **RECEIVED** BY ASME

NOT LATER THAN Date

Address

Competition Rules

Save this page and open it in MS Word
Then Fax or Email your entry

2007 Contestants

School

Name

ASME Member No.

(REQUIRED)

Email

Title of Presentation

A/V Equipment Requirements:
(MUST BE COMPLETED)

- Overhead Projector
 35mm slide projector
 VCR & Monitor
 Multimedia Projector (**You must provide the computer**) If
you need multiple screens this must be noted!!!!!!!!!!!!

EACH PARTICIPANT MUST PROVIDE ONE FACULTY JUDGE AND ONE STUDENT JUDGE FOR
FRIDAY. PLEASE PROVIDE NAMES OF JUDGES HERE:

Faculty Judge

Student Judge