

ASME JAPAN SECTION



ANNUAL MEETING

Tokyo, June 25, 2010
Nihon University, Surugadai Campus

AGENDA

1. Annual Reports from Board Members
 - Membership
 - Activity Report
 - Award Recipient
2. Activity Plan 2010-11
3. Board Members for 2010-2012

Invited Lecture by
Dr. Takayasu Tahara

Membership as of May, 2010

Global View

U.S.	75,746
ASIA & PACIFIC RIM	2,893
EUROPE	2,406
LATIN AMERICA & CARIB.	1,579
MIDDLE EAST & AFRICA	854
GRAND TOTAL	83,904

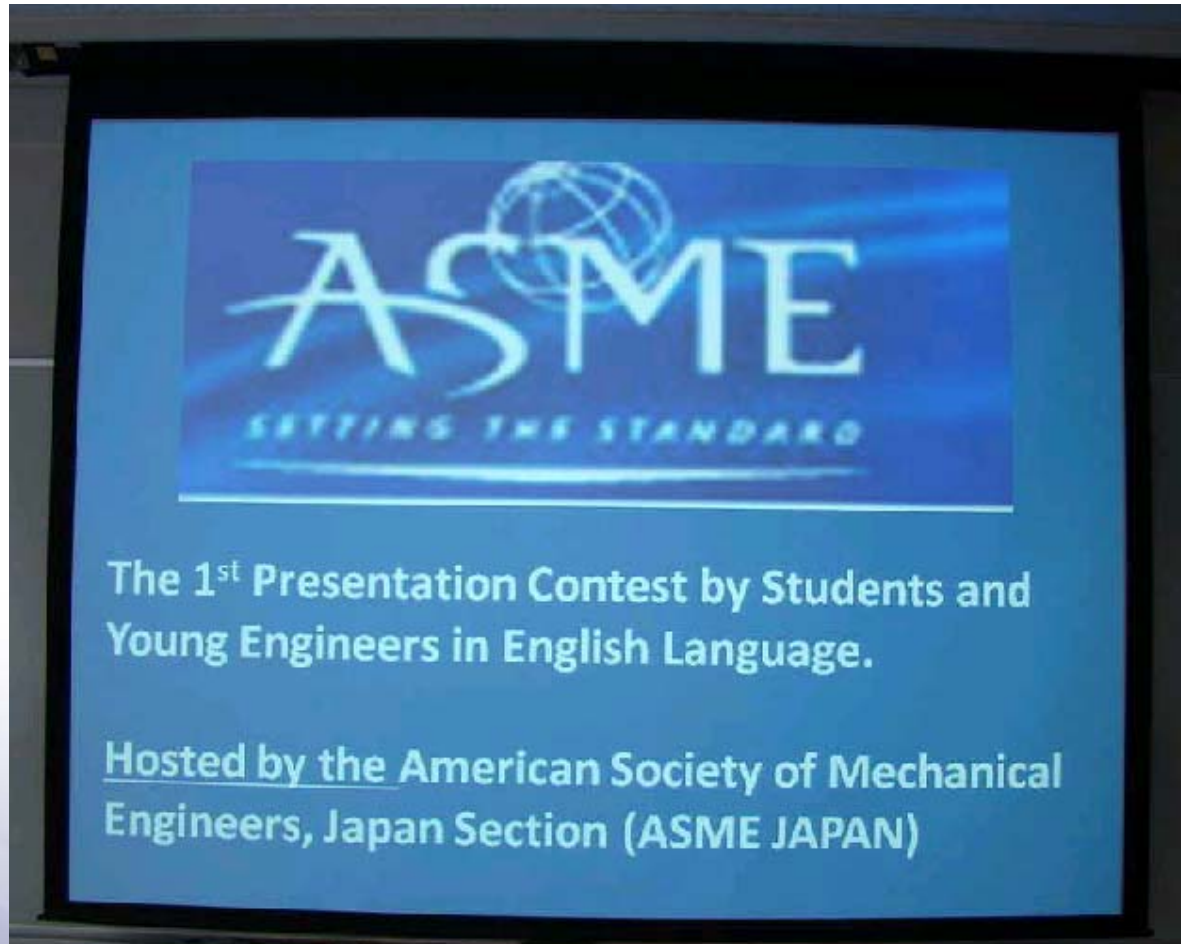
Outside of U.S.

India	691
Japan	578
United Kingdom	553
Peru	375
Australia	321
Colombia	319
South Korea (8)	228
Italy (7)	212
Singapore	208
Germany (10+)	208

Activity Report in 2009-10

1. 1st ASME English Presentation Competition for Japanese Students and Young Engineers
2. Sponsored The Student Formula SAE Competition of Japan
3. Asia-Pacific District Operating Board Meeting (APDOB)
4. Section Web Page
5. Financial Report

1st ASME English Presentation Competition for Japanese Students and Young Engineers



1st ASME English Presentation Competition for Japanese Students and Young Engineers (cont 'd)



1st ASME English Presentation Competition for Japanese Students and Young Engineers (cont'd)

INTRODUCTION

- Principle of the Air Ejector

The diagram illustrates the principle of an air ejector. It shows a primary flow entering from the left through a convergent nozzle, reaching a throat (Mach number M_2 , pressure P_2), and then expanding through a diverging section (Mach number M_3 , pressure P_3). A secondary flow is entrained into the primary flow at the throat. The mixing chamber is labeled with pressure P_0 and Mach number M_1 . The diffuser section is labeled with pressure P_3 . The overall pressure distribution is shown as $P_0 < P_1$ and $P_2 < P_0 < P_3$. The diagram is labeled 'Fig. Air Ejector'.

- Operating characteristic

- Ejector Effect**
The secondary flow is entrained by reduction in pressure around the primary-nozzle exit and shear action between the primary and secondary fluids.
- Compressor**
In the diffuser the pressure of mixing flow is higher than the atmosphere

1st ASME English Presentation Competition for Japanese Students and Young Engineers (cont 'd)



1st ASME English Presentation Competition for Japanese Students and Young Engineers (cont 'd)



5th ASME DISTRICT G (ASIA-PACIFIC) OPERATING BOARD MEETING
 Sydney, Australia June 19 - 20, 2010

Section	Representative	Title
USA	Thomas Perry	Director, Educational Services
Australia	Vojislav Ilic (Vic)	District Chair
Australia	Amir Tadros	Section Chair
Australia	W. John Dartnall	Section Secretary
Australia	Ann Ellis	General Manager, English Education Australia
Hong Kong	Randolph Leung	Section Vice Chair
Indonesia	Benjamin Soenarko	Correspondent
Japan	Makoto Sato	Section Chair
Pakistan	Usman Bin Younos	Section Chair
Singapore	Desmond Chong	Section Chair

Minutes of APDOB Meeting

- Activities Report from District Leader
- District plans for future activities
- distinguished speaker
- Reports from Sections
- Formation of new Sections and sub-Sections
- Engineering for Change (E4C)
- Professional Practice Curriculum
- 2010 International Leadership Summit - Mechanical/Multi-Disciplinary Engineering Education, Turkey - May 26-29, 2010



Welcome to ASME Japan Section

ASME Founded in 1880 as the American Society of Mechanical Engineers, today's ASME promotes the art, science & practice of mechanical & multidisciplinary engineering and allied sciences around the globe.



Home

Announcements

Board Members

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Vision and Mission

- To promote technical and professional development of ASME members residing or visiting the Japan section area, through meetings and other forms of communication, by encouraging members to prepare or discuss papers, through practicing of local engineering issues, and through close coordination with the ASME Japan.
- To achieve closer personal acquaintance and spirit of cooperation among engineers.
- To provide for cooperation with other local engineering societies in matters of common interest.
- To assist in furthering the purposes of ASME Japan.

[Minutes of the Board Meeting](#)

20th Anniversary of ASME Japan Section
(To be uploaded)

[2028 Vision for Mechanical Engineering](#)

ASME Japan Section, Annual Meeting 2010,
Friday, June 25

17:00 Annual Meeting (1. Annual Reports from Board Members
2. Regional Meeting Report; 3. Invited Talk : **125 years' History of ASME Boiler and Pressure Vessel Code**, By Dr. Takayasu Tahara; Petroleum Association of Japan.)

18:30 Informal gathering (Banquet)

20:00 Closing

[*Read more details here ...*](#)



Call for Papers for

The 2nd Presentation Contest by Students and Young Engineers in English Language

Hosted by ASME Japan Section

August 27th, 2010, Tokyo, Japan

Venue: Nihon University, Surugadai Campus

PURPOSE: The ASME JAPAN is pleased to host this contest as its pillar educational endeavor. Needless to say, the competence in presenting technical reports in English language is crucial for engineers of present and future generations to advance their careers in increasingly globalized environment. Considerable efforts have been waged to strengthen English language capability of Japanese engineering students and engineers. However, little efforts have been made with a focus on the presentation skill, and such targeted educational programs have rarely been undertaken by professional societies. The ASME JAPAN decided to launch a program which is designed to provide students and engineers in mechanical engineering with opportunities to experience public presentation and evaluation by senior members of the society. As an initial step of this endeavor, the 1st contest was organized last year by inviting selected students from several universities who were going to talk at the international conferences in the immediate future.

DATE: August 27th, 2010

PLACE: Nihon University, Surugadai Campus
Pavilion (Building No.5), 5th Floor, Conference Room 524
8-14 Kanda Surugadai 1-Chome Chiyoda-ku Tokyo

ANNUAL FINANCIAL REPORT

July 1, 2009 to June 30, 2010

Revenue

<i>Allocation</i>	Yen	259,496
<i>Section Donation</i>	Yen	46,924
<i>Interest</i>	Yen	561
<u><i>Balance brought forward</i></u>	Yen	<u>1,968,912</u>
Total Revenue	Yen	2,275,893

Expenditures

<i>Supporting Student Event</i>	Yen	50,000
<i>Speaker/Meeting Expenses</i>	Yen	30,000
<i>1st Student Competition</i>	Yen	33,689
<i>Bank Charge</i>	Yen	10,000
<u><i>Miscellaneous</i></u>	Yen	<u>4,508</u>
Total Expenditures	Yen	123,689

<u>Balance</u>	<u>Yen</u>	<u>2,152,204</u>
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Activity Plans in 2010-11

1. Continuous Challenge

2nd ASME English Presentation Competition
for Japanese Students and Young Engineers

(Aug 28, 2010 in Tokyo)

2. First Challenge

English Presentation Seminar for Students
and Young Engineers

(TBD)

ANNUAL BUDGET

July 1, 2010 to June 30, 2011

Revenue

<i>Allocation</i>	Yen	250,000
<i>Section Donation</i>	Yen	50,000
<i>Interest</i>	Yen	1,000
<u><i>Balance brought forward</i></u>	Yen	<u>2,152,204</u>
Total Revenue	Yen	2,453,204

Expenditures

<i>2nd Student Competition</i>	Yen	50,000
<i>Presentation Seminar</i>	Yen	100,000
<i>Speaker/Meeting Expenses</i>	Yen	30,000
<i>Bank Charge</i>	Yen	10,000
<u><i>Miscellaneous</i></u>	Yen	<u>10,000</u>
Total Expenditures	Yen	200,000

<u>Balance</u>	Yen	<u>2,223,204</u>
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Yeram S. Touloukian Award (every 3 years)



The Yeram S. Touloukian Award, established in 1997, is bestowed triennially to recognize outstanding technical contributions in the field of thermophysical properties. An individual who is internationally recognized for major contributions in the thermophysical properties field is eligible to receive this award. Fields recognized by the award include, but are not limited to, mechanical engineering, chemical engineering, physics and chemistry.

Funding to support the award was provided by Purdue University to honor the contributions of Yeram Touloukian.

Yeram S. Touloukian Award



Koichi Watanabe, Professor Emeritus

(Department of Mechanical Engineering, Faculty of Science and Technology, Keio University)

For properties of water substance and environmentally acceptable refrigerants through the education of new specialists in the field, authorship of numerous books and scientific papers, and leadership of international research.

Board Members for 2010-2012

Masaru ISHIZUKA, (Chair)

Kenji OYAMADA, (Secretary, Formulation of Section Rule)

Wataru NAKAYAMA, (Vice Chair, Technical Advisor and
Supporting Chair in general)

Masahiro TAKEI, (Vice Chair, Academia Liaison and
Student Contest)

Rasoul AIVAZI, (Vice Chair, Webmaster and Presentation
Seminar)

Hirotake NAKAI, (Vice Chair, News Letter Editor and
Assistant Treasurer)

Makoto SATO, (Past Chair, Treasurer and External Affairs)
vacant (Auditor)

Invited Lecture by

Dr. Takayasu Tahara

Technical Advisor,
Petroleum Association of Japan

**“125 years' History of ASME Boiler
and Pressure Vessel Code”**