



The Pressure Vessels & Piping Division



The Pressure Vessels & Piping Division
ASME International
Three Park Avenue
New York, NY 10016-5990



Authors are invited to submit their papers to JPVT using the Journal Web tool at: http://journaltool.asme.org.

Current Activities

- Sponsors annual Pressure Vessels & Piping Conferences (summer);
Participates in ASME International Mechanical Engineering Congress &- Exposition (winter)
Develops educational courses and videotapes
Participates in the International Conference on Pressure Vessel Technology every 3 or 4 years;
Sponsors Student Paper Competition and Scholarships;
Develops the ASME PVP Division Home Page

Student Paper Competition

The Senate of the Division sponsors a yearly 'Student Paper Symposium and Competition' to encourage undergraduate and graduate students to participate at the Division annual meeting and present their technical papers. Students selected for participation are awarded a cash prize scholarship and the winners of the competition are awarded additional cash prizes.

PVP Website

The PVP Division can now be reached through its website, http://divisions.asme.org/pvp/. The PVP Division Home Page is an evolving source of information about activities, opportunities, and points of contact for the Division, e.g., details can be obtained on upcoming conferences with PVP Division participation; and on PVP Division publications including an on-line version of the PVP Division Newsletter.

We Invite You to Join Us

The PVP Division is one of 36 ASME Technical Divisions. If you are professionally involved in any aspect of pressure vessels and piping, the ASME PVP Division is the organization for you. We need you to help ensure continued growth, vitality and progress toward the Division's goals.

To find out more information on the PVP Division, please complete the form on the next page.

Newsletter

The Division publishes at least one newsletter annually. The newsletter is located on the PVP website. Notification of the newsletter is emailed to ASME members who have chosen the PVP Division as one of their Divisions of interest. The newsletter updates the membership on the current status of committee activities and provides a preview of the next annual conference program.

PVP Annual Conference



The PVP Annual Conference is the highlight of the Division activities. The conference provides a forum for technical exchange and contributions from around the world to advance the field of Pressure Vessel Technology.

Journal of Pressure Vessel Technology

The Journal of Pressure Vessel Technology (JPVT) was one of the first ASME Transactions Journals; first published in 1974.

JPVT is published six times annually; February, April, June, August, October and December. The entire publication process is completed electronically. The Journal is available in both a print and an on-line edition. Research papers, technical briefs, design innovation papers, technology reviews and literature reviews on a wide variety of pressure vessel and piping areas of interest are included. The main areas of concentration covered in JPVT are:

- Codes & Standards
Computer Technology
Design & Analysis
Fluid Structure Interaction
High Pressure Technology
Materials and Fabrication
Operation, Applications & Components
NDE Engineering
Pipeline Systems
Pressure Vessel Research Council
Seismic Engineering



The Pressure Vessels & Piping Division

Please complete the following:

ASME Member?
Yes No

Please Send Me Information On The Following:

- ASME Membership Application Form
Upcoming Conferences, Short Courses

I Am Interested In The Following Activities Of The ASME PVP Division:

- Codes and Standards (C&S)
Computer Technology and Bolted Joints (CTBJ)
Design and Analysis (D&A)
Fluid Structure Interaction (FSI)
High Pressure Technology (HPT)
Materials and Fabrication (M&F)
Operations, Applications and Components (OAC)
Seismic Engineering (SE)
Education and Research

NAME:
TELEPHONE: ()
EMAIL:
ORGANIZATION:
ADDRESS:
CITY:
STATE: ZIP:
COUNTRY:



The Pressure Vessels and Piping Division

The Pressure Vessels and Piping (PVP) Division of the American Society of Mechanical Engineers was organized as an ASME technical division in 1966 in response to the interest of members to the rapidly changing and expanding technology of pressure boundary containment.



The PVP Division provides an organizational forum for practicing engineers interested in promoting the state-of-the-art of pressure containment technology through annual conferences. Subjects on design and analysis, materials, application and operation of pressure containment structures and systems are presented.

PVP Division Organization

The Division affairs are managed by its six member Executive Committee headed by the Division Chair. The Division activities are discussed and planned with a general committee which consists of the Executive Committee, the Senate, the Technical Committees and other Division representatives. The Senate of Past Chairs of the Division serves in an advisory capacity and carries on projects of interest to the Division.

PVP DIVISION

PVPD Mission Statement

Provide a forum for the engineering and scientific communities to promote, share and disseminate state-of-the-art pressure technologies, relating to power generation, sustainable energies, and the petrochemical and process industries.

Goals

- Organize conferences to foster the development and exchange of information
- Promote high quality technical publications
- Promote the application of Codes and Standards to enhance public safety
- Support the development of ASME Codes and Standards
- Encourage the development of emerging technologies
- Create professional development opportunities
- Interact with global professional organizations
- Cooperate with ASME Technical Divisions and Local Sections

- Develop future Division leaders through training and participation in PVPD activities
- Diversify conference locations to improve global recognition
- Increase membership participation in PVPD activities
- Foster an inclusive and diverse PVPD community
- Encourage participation of engineering students and early career engineers

Core Values

- Provide a welcoming climate that fosters creativity, innovation, and intellectual growth
- Embrace integrity and ethical conduct
- Respect the dignity and culture of all people

Benefits of Membership in the ASME PVP Division

- Keeping up with the latest engineering techniques and research
- Gaining professional recognition through writing and presenting technical papers
- Acquiring knowledge that helps broaden technical and managerial skills
- Exchanging ideas and enjoying associations with other professionals

International Activities

The universal use of the ASME Boiler and Pressure Vessel Code increased the cooperation between the PVP Division and the international community. More than half of the papers presented at the Division's annual conference are by non-US authors and the conference itself is often co-sponsored by non-US technical organizations. The Division also actively participates in and hosts international conferences organized by the International Council on Pressure Vessel Technology in such venues as San Antonio, Beijing, Tokyo, London and Vancouver.

Honors and Awards

The PVP Division honors individuals who have made significant contributions to the Division or the pressure vessels and piping profession. A number of awards have been established by the Division:

- The PVP Medal is presented to an individual in recognition of outstanding contributions to pressure vessels and piping technology including, but not limited to, research, development, applications or education.

- The PVP S. S. Chen Outstanding Service Award is presented to a member for outstanding service to the Division.
- Certificates of Appreciation and Recognition are presented for outstanding service, paper presentations, technical sessions and tutorials.
- The PVP Division annual conference's outstanding technical paper and outstanding technical session awards.

PVP members may also be nominated for national ASME awards.

Technical Committees

The Division has eight operating committees covering a wide range of technical fields. They are the main driving force in developing PVP technical conferences.



1. Codes and Standards:

Provides liaison between applicable national and global code organizations (committees) and the PVP Division. Liaison activities include contact with code personnel, review of Code or PVP documents and development of sessions at PVP Division Conferences.

2. Computer Technology and Bolted Joints:

Develop of computer technology and its use by industry, especially with regard to proper documentation and verification. It helps engineers utilize present computer capabilities, promotes development and implementation of future technologies.

3. Design and Analysis:

Develops and applies design and analysis methods required for the pressure vessel and piping industry; and provides a forum for engineers to advance new theories and to maintain an awareness of the latest developments in design and analysis techniques.

4. Fluid-Structure Interaction:

Promotes the study and application of the dynamics of fluid-structure interactions as they relate to the design and operation of pressure vessels, piping systems and components. Emphasizes the fundamentals and engineering aspects of flow-induced vibrations, fluid-structure interactions, wave propagation, and fluid dynamics.

5. High Pressure Technology:

Focuses on the research, development, design and operation of pressure vessels, piping components, and systems for high pressure service.

6. Materials and Fabrication:

Disseminates information on current and advanced materials, material properties and material testing methods. Additionally, covers all aspects of fabrication techniques pertaining to pressure vessels and piping systems.

7. Operations, Applications and Components:

Promotes the exchange of information in special areas such as: testing reliability and safety of components; quality assurance and inspection; toxic hazardous and active substance storage; pumps and valves; aging and plant life extension; and operation of pressure systems.

8. Seismic Engineering:

Promotes the study and application of seismic engineering as related to design and operation of pressure vessels, piping systems and components.

Professional Development

Tutorials and Short Courses

The PVP Division offers educational seminars called tutorials which provide brief, timely summaries of advanced technology topics. The state-of-the-art tutorials are offered in conjunction with PVP conferences. Tutorial notes are published and available at the PVP Conference.



Short courses are developed by the PVP Division and are offered through the ASME Professional Development Department. In addition to tutorials, software and non-destructive engineering (NDE) methods are demonstrated at the PVP Conference.

Publications

Technical Papers

Authorship and presentation of technical papers is encouraged by the Division through the annual conference and other meetings, to provides authors with a platform to report, review and discuss their findings. Papers are solicited through the Technical Committees for program committee considerations and for possible inclusion in a conference session. Papers are published in electronic form (CD) and are available at the conference. Special conference volumes are for sale after the conference.



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