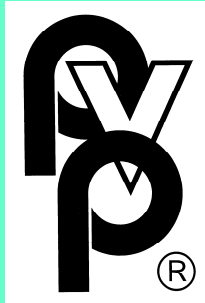


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Pressure Vessels and Piping Division Newsletter

M. B. Ruggles-Wrenn, Editor

Spring 2005

Message from the PVP Division Chair



Ismail T. Kisisel for PVPD, I would like to inform our membership of some PVPD developments.

I am happy to announce the appointment of Dr. Y. W. Kwon as the incoming PVPD Executive Committee member. Dr. Kwon is a long-term contributor to PVPD activities, having served successfully as the FSI Technical Committee Chair and PVPD Membership Committee Chair. He has also organized sessions for the PVP conferences and at the IMECE, along with authoring papers and editing volumes. Knowing Dr. Kwon's tireless volunteerism and enthusiasm assures me that his leadership will contribute to PVPD's continuing journey of excellence. I am also pleased to announce the following appointments were approved by the PVPD Executive Committee: Dr. D. R. Metzger - the PVPD Membership Committee Chair; Mr. J. Martin - the Computer Technology Technical Committee Chair; and Dr. P.-S. Lam - the Materials and Fabrication Technical Committee Chair. Congratulations to all for their dedicated service to PVPD.

The editor of PVPD *Journal of Pressure Vessel Technology*, Dr. Sam Y. Zamrik ex-

pressed his desire to discontinue his activities in this capacity as of July 2005. On behalf of our members I would like to express our deep gratitude to Dr. Zamrik for the many years of admirable service as editor of this journal. Resulting from his stewardship, the journal is globally recognized as attaining exemplary quality standards, and attracts contributions from prestigious organizations and individuals in PVPD fields of interest. Dr. G. E. O. Widera, Professor and Senior Associate Dean of the College of Engineering of Marquette University, will assume the editorship responsibilities in July 2005. A long-time PVPD volunteer, Dr. Widera possesses all the attributes of scholarship, practical and industry knowledge, technical leadership, and familiarity with PVPD standards and quality requirements required for his role as editor. PVPD members and their colleagues are encouraged to submit their papers for publication in this premier journal.

ASME Continuity and Change (C&C) initiatives are progressing as a new structure for the whole organization is being designed. One major C&C structuring phase involves both CMA and COE. They are now grouped under the title "Knowledge & Community" which will contain all current Sections, Students Sections, Technical Divisions and Technical Chapters. The concept supporting this grouping is fostering of stronger alliances and interaction to deliver a better value through member groups, along with recognizing the interdisciplinary nature of the engineering profession. Currently, the

PVPD retains its status within the Pressure Technologies Group, under Knowledge and Community. The Pressure Technologies Group includes the Pipeline Systems and the NDE Engineering Divisions as well. Our members are encouraged to review the details of C&C by visiting <http://www.asme.org/change/>.

Although my assignment as the Division Chair will end in July 2005, I will continue volunteering my services to PVPD. In closing, I would like to express my appreciation to the technical and administrative committee chairs and members, the technical program representatives, the PVPD Executive Committee, the PVPD Senate, and the ASME staff members assigned to PVPD for their contributions to the continuing success of PVPD. It has been an honor for me to have the opportunity to work with this group of talented and dedicated individuals.

Ismail Tarik Kisisel
Chair, ASME PVP Division

PVP-2005 in Denver July 17-21, 2005



M. K. Au-Yang

With over 500 technical papers received, PVP-2005 is gradually taking shape. We expect a full house and advise everyone to reserve rooms at the hotel early to avoid disappointment. The preliminary technical program is posted on

(Continued on page 2)

PVP-2005 in Denver

(Continued from page 1)

the Conference Website. The following are some of the recent developments in the key Conference events:

The Conference Hotel After a recent 15-million-dollar renovation, the conference hotel has been upgraded to Grand Hyatt Denver, while still retaining its former identity of a cozy, medium-sized hotel.

Plenary Speeches Industry leaders will give talks on the world energy demands, alternate forms of energy supplies, status of the world's existing nuclear power plants and lessons learned, and conceptual design of future nuclear plants.

Spouse Programs PVP-2005 spouse program includes the traditional spouse breakfast at the Grand Hyatt's attractive Moulin Rouge Lounge. A three-hour guided tour of the mile-high city will be offered on Monday morning. Starting with a visit to Colorado's spectacular Capitol building, the tour will continue to the Brown Palace Hotel famous for its Victorian architecture, downtown Denver, the Coors Field, Larimer Square, and much more. A 5-hour excursion to Georgetown in the heart of the Rocky Mountains is planned for Tuesday. Your family will enjoy the drive through the scenic rock formations and the many boutiques, restaurants and restored historic buildings in Georgetown, including the fabulous Hotel de Paris, the famous Hamill House, the Raven Hill Mining Company, and a 90-minute train ride on the Georgetown Loop Railroad. Wednesday morning and Thursday are free for individual activities. With the famous Sixteenth Street Mall within easy walking distance, your spouses can browse through one mile of specialty shops, relax in outdoor cafes, or visit the US Mint, the amusement park, the aquarium, or the performing arts center.

M. K. Au-Yang
PVP-2005 Conference Chair

PVPD Programs



James F. Cory, Jr.

PVP-2005, the next ASME Pressure Vessels & Piping Conference will be held in exciting Denver, Colorado at the Grand Hyatt Regency. The Conference General Chair is M. K. Au-Yang and the Conference Tech-

nic Chair, Judith A. Todd. More than 150 paper and panel sessions are planned, as well as tutorials, the NDE and Software Demonstration Forums, and Student Paper Competition. During the PVP-2005 in Denver, Training Sessions for the Technical Program Representatives (TPR) and Session Developers (SD) will be held on Wednesday afternoon. All upcoming TPRs and SDs should plan to attend.

PVP-2006, a joint conference with ICPVT, is planned for July 23-27, 2006, Hyatt Regency Vancouver, British Columbia, Canada. The PVP-2006 Conference General Chair will be J. A. Todd and the Conference Technical Chair, J. F. Cory, Jr. Preparations are also being made for the PVP-2007 to be held in San Antonio, Texas.

James F. Cory, Jr.
Chair, PVPD Programs

Four Tutorial Sessions at PVP-2005 in Denver



Artin A. Dermenjian

The PVP conference continues to be the international technical forum for the exchange of information on different topics related to Pressure Vessel and Piping technologies. Tutorials present an excellent opportunity for the participants to extend their knowledge base by being exposed to diverse topics and to exchange of opinions and ideas between industries and academia. Tutorials focus on topics of general interest to the PVP Conference attendees. Admission to the tutorial sessions is free and open to registered conference attendees.

Two types of tutorials will be offered:

Special Tutorial - a 1½ - 2 hour session on Sunday afternoon. The session leader will provide the necessary presentation material.

Technical Tutorials - a ½-day sessions integrated into the conference schedule. Attendees may purchase a set of the Tutorial Notes (the charge is set as low as possible based on the cost of production).

The following tutorial sessions will be presented at PVP-2005:

Special Tutorial

"From Engineer to Manager — A Roadmap for a Successful Transition"

J. T. Bozewicz, Division Head,
Naval Surface Warfare Center (NSWC), PA,
(Past Chair, ASME Management Division)

Technical Tutorial I

"Piping Design to Prevent Vibrational Fatigue Failures. Practical Considerations"

Quy Truong, PhD, PE, Vice President,
Refinery Technology, Inc. Houston, TX

Technical Tutorial II

"Life Assessment of Components"

C. E. Jaske, PhD, PE, Sr. Project Manager,
CC Technologies, Dublin, OH

Technical Tutorial III

"Buckling & Instability Considerations: A Look at Pressure Vessels and Bellows"

D. K. Williams, Ph.D., P.E.,
Sharoden Eng. Consultants, Matthews, NC

T. G. Seipp, M.Sc.,
Fluor Canada, Ltd. Calgary, AB

C. Becht, IV, Ph.D., P.E.,
Becht Engineering Co., Liberty Corner, NJ

I look forward to seeing you all at PVP-2005 in Denver.

Artin A. Dermenjian
Chair, PVPD Professional Development

PVPD Senate Report



Howard H. Chung

The PVP Division Senate consists of all past chairs (Ex-Officio) of the Division. The presiding officer is the Senate President. The PVP Senate acts in an advisory capacity to the PVPD Executive

Committee. During 2004-2005, the Senate has accomplished the following important tasks: (1) held the 12th Annual Student Paper Competition at the PVP-2004 where 12 students competed with technical presentations; (2) organized and developed the NDE Demonstration Forum for the PVP-2004; (3) organized the 13th Annual Student Paper Competition for PVP-2005; (4) conducted a Training Session for the Technical Committee Officers and Session Organizers at the PVP-2004; (5) held a PVP Division Retreat Meeting in Scottsdale, Arizona in March 2005; (6) reviewed and offered advice to the Division on financial matters; (7) held its annual meeting in La Jolla, California, and (8) Several Senators corresponded with ASME President and BOG regarding the proposed ASME organization and its impact on the PVPD.

Howard H. Chung, President,
William J. Bees, Historian
PVP Division Senate 2004-2005

PVPD Membership



Young W. Kwon

The 2004 membership drive was successful. During the past year, there were 241 new paid memberships. However, there are still many members who have not renewed their memberships. As a result, the total number of the current PVPD memberships is 3391, which is slightly lower than 3400, the figure as of July 1, 2004. This indicates retention efforts are as important as recruiting efforts. In terms of the Pressure Technology Group, PVPD members represent more than 80% of the total group membership.

Young W. Kwon
Chair, PVPD Membership

PVP-2004 Student Paper Competition



Joseph Sinnappan

The 12th Annual Student Paper Competition was held at PVP-2004 in La Jolla, California. For the first time financial support for the Student Paper Competition was provided by Industry and consultants, namely Structural Integrity Associates, COA/EPs, Dominion Pressure Services Inc. and Dr. R. Scavuzzo. Judges were A.G. Ware, H. Chung, K. Suzuki, and J. Sinnappan. The judges received an excellent worldwide response (40 student papers) to the Call for Papers. The students' draft papers were reviewed in accordance with ASME guidelines, and the 12 best papers were selected for presentation at the PVP-2004 and published in the conference volume PVP-473. Final scores were based on the written paper (70%) and on the oral presentation (30%). At the Honors Luncheon, each student finalist received a \$600 check for participation, free conference registration, and a copy of the PVP Volume containing his/her paper. The winners were awarded \$500 (first place) and \$300 (second place) in both PhD and BS/MS categories.

A. Petrovic (U of Hertfordshire, UK) was the winner in PhD competition, while F. Tasbihgoo (U of Southern California, USA) won the second place. W. Maezaki (U of Yamanashi, Japan) was the winner in BS/MS competition, while C. Russell (U of Strath-

clyde, UK) won the second place. Other finalists were T. Marler (The U of Iowa, USA), H. Indermohan (Memorial U, Canada), A. Mikami (Yokohama National U, Japan), C. P. Saha (Wayne State U, USA), Y.-J. Park (Sungkyunkwan U, Korea), K. Minagawa (Tokyo Denki U, Japan), W. Jiang (U of Wolverhampton, UK) and A. Karrech (Ecole Nationale des Ponts et Chaussées, France).

Joseph Sinnappan, Chair
Student Paper Competition Committee

Awards Presented at PVP-2005 in La Jolla



Luc H. Geraets

As usual, the Honors and Awards Luncheon was a significant event at the PVP-2004 in La Jolla. Over eighty division members were recognized for their voluntary contributions to the ASME, the PVP Division, and the PVP industry.

The ASME Dedicated Service Award was presented to I. Ezekoye for his long voluntary service to the Society. The Board of Governors Award was presented to W. J. Bees, the 2003-2004 Chair of the PVP Division. S. Copley, I. T. Kisiel, M. Rana and K. Suzuki were elevated to Fellow grade of ASME—the highest grade that ASME can bestow upon its members.

The Pressure Vessels and Piping Medal was presented to G. Hollinger. During his long career with BWX Technologies, Greg has been active in PVP and the Pressure Vessel Research Council. A former chair of the Division, Greg is a long time contributor to the PVP Conferences and the Journal of Pressure Vessel Technology (JPVT). Two PVPD Outstanding Service Awards were presented to Y. Kwon and K. Suzuki.

Certificates of Appreciation and Recognition were presented to Division members for services to the Division (Technical Committee Chair, Associate Editors of the JPVT), to Technical Committees, and PVP Conference (authors of Tutorials, Plenary Speakers, Technical Program Representatives). Awards were also presented in recognition of outstanding contributions to the 2003 PVP Conference (Outstanding Technical Sessions, Outstanding Technical Papers), and to the JPVT (G. E. O. Widera Literature Award, and Editor's Choice

Award). Last but not the least, awards, each including a certificate and a \$600 check, were presented to the eleven semifinalists of the Student Technical Paper Competition.

Luc H. Geraets
Chair, PVPD Honors and Awards

Journal of Pressure Vessel Technology News



S. Y. Zamrik

The PVT Journal, the technical voice of the PVP Division, has developed a series of special publications dealing with advances in PVP technology. It presents the highest-quality research on the design, fabrication, construction, inspection, operation, and failure prevention of power boilers, heating boilers, pressure vessels, piping, pipelines, pumps, valves, and other pressure-bearing components, as well as nondestructive evaluation of critical components and in-service inspection through NDE in mechanical engineering applications. A special publication on state-of-the-art NDE technology will be appear in August 2005.

Over the years, the Journal established two awards to recognize outstanding contributions to PVP Technology: the Literature Award and the Editor Choice Award. At the La Jolla Conference the G.E.O. Widera Literature Award was presented to E. D. Eason, E. E. Nelson, and G. B. Heys for the paper entitled "Fatigue Crack Growth Rate of Medium and Low Sulfur Ferritic Steels in Pressurized Water Reactor Primary Water Environments". The Editor's Choice Award was presented to M. Y. A. Younan, I. F. Z. Fanous, and A. S. Wifi for the article entitled "3D Finite Element Modeling of the Welding Process Using Element Birth and Element Movement Techniques".

The success of the Journal is attributed to the dedication of its Associate Editors (AEs). The Editor expresses his gratitude to three retiring AE board members after six years of service: R. M. Iyengar (Materials and Fabrication), G. C. Slagis (Seismic Engineering) and D. Fryer (High Pressure Technology).

Sam Y. Zamrik
Editor, JPVT

International Coordination



Kohei Suzuki

International Coordination Committee met at the PVP-2004. The Committee, which was formed three years ago, includes 15 members representing 9 countries: Belgium, Egypt, France, Germany, Italy, Japan, Netherlands, U.K. and USA. Luc Geraets, the past committee chair, has focused his efforts on recognizing, encouraging and promoting international participation in the PVP Conferences. With over 800 attendees from 36 countries, PVP-2004 was truly international!

Committee is currently considering the following suggestions to further improve the PVP international activities:

- Displaying nation flags of all participating countries at the PVP Conferences.
- Providing assistance with Visas and other administrative issues for conference participants.

ence participants.

- Further recognition of the international participation through international cultural events and ethnic clothing at the Conference events.

As the new committee chair, I would like to invite all PVP colleagues to support the IC Committee with new ideas.

Kohei Suzuki

Chair, PVPD International Coordination

PVPD Publications



Judith A. Todd

PVVP-2005 marks the first PVP conference program developed using the ASME Web Tool and first publication of PVP papers in CD-ROM format. The CD-ROM materials will be presented by Track and

Topic for each Technical Committee, with the "front materials" provided by each Committee. Volumes will be available

after the conference, subject to an additional cost and sufficient demand from the audience. Fully paid attendees and authors will receive a CD-ROM containing all the conference papers in their registration packets.

Your feedback regarding the Web Tool process is very important to us, particularly in developing the program for PVP-2006. Please send your comments to J. A. Todd (jtodd@psu.edu) and J. F. Cory, Jr. (james.cory@ugs.com) to help us with our planning for next year.

Thank you to all who have worked so hard to develop the PVP-2005 program and to all the authors for their contributions. I look forward to seeing you in Denver.

Judith A. Todd

Chair, PVPD Publications

PVPD Publications (2003-2004)

2004 ASME PVP CONFERENCE, LA JOLLA, CALIFORNIA

PVP 471	Fitness for Service, Life Extension, Remediation, Repair and Erosion/Corrosion Issues for pressure Vessels & Components, edited by C. D. Rodery and Y. Takagi
PVP 472	Elevated Temperature Design and Analysis, Non-Linear Analysis and Plastic Components, edited by W. J. Koves and T. Shimakawa
PVP 473	High Pressure Technology – 2004; Innovation and Advances in High Pressure Equipment, edited by J. A. Pfeifer
PVP 474	Fracture Methodologies and Manufacturing Processes, edited by P-S Lam
PVP 475	Flaw Evaluation, Service Experience and Materials for Hydrogen Service, edited by Y.-Y. Wang
PVP 476	Experience with Creep-Strength Enhanced Ferritic Steels and New and Emerging Computational Methods, edited by Y.-Y. Wang
PVP 477	Design and Analysis of Pressure Vessels, Heat Exchangers and Piping Components, edited by M. Porter and T. Sato
PVP 478	Analysis of Bolted Joints, edited by A.-H. Bouzid
PVP 479	Residual Stress, Fracture and Stress Corrosion Cracking, edited by Y.-Y. Wang
PVP 480	Pressure Vessels and Piping – Codes and Standards – 2004, edited by G. S. Chakrabarti
PVP 481	RPV Integrity and Fracture Mechanics, edited by D. Moinereau
PVP 482	Computer Technology and Applications, edited by Y. Park, J. Martin and I. Nishiguchi
PVP 483	Transportation, Storage and Disposal of Radioactive Materials, edited by A. C. Smith and R. S. Hafner
PVP 484	Recent Advances in Non-Destructive Testing and Inspection, edited by C. Miyasaka
PVP 485-1/2	the 8th International Symposium on Emerging Technology in Fluids, Structures, and Fluid-Structures Interactions— Vol. 1: Computational Fluid Dynamics and Fluid-Structures Interactions, edited by A. Holdo and M. Fischer Vol. 2: Dynamics of Explosive Detonation, Materials & Structures, edited by W. Cheng and S. Itoh
PVP 486-1/2	Seismic Engineering – 2004, Vol. 1 and Vol. 2, edited by V. C. Matzen and S. Fujita
PVP 487	Aging Management and License Renewal, edited by M. Sanwarwalla
PVP 488	Risk, Reliability and Evaluation of Components and Machinery, edited by L. I. Ezekoye
PVP489	Problems Involving Thermal-Hydraulics, Liquid Sloshing, and Extreme Loads on Structures, edited by F. Moody
PVP 490	Storage Tank Integrity and Materials Evaluation, edited by T. Tahara
PVP 491-1/2	Computational Technologies for Fluid/Thermal/Structural/Chemical Systems with Industrial Applications—2004, Vol. 1, edited by S. Kawano and C. R. Kleijn, and Vol. 2, edited by V. V. Kudriavtsev and C. R. Kleijn

2004 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION, ANAHEIM, CALIFORNIA

Proceedings of the ASME Pressure Vessel and Piping Division

PVP DIVISION TECHNICAL COMMITTEE NEWS

Codes and Standards Technical Committee



Mahendra D. Rana

The C&S Committee provides a forum for presentation and publication of technical information pertaining to the Codes and Standards for pressure vessels and piping. As

such, it provides a continuing connection with the committees associated with the ASME Boiler and Pressure Vessel Code, the ASME Piping Codes, and other international Codes and Standards.

Preparation is underway for the PVP-2005. Dr. G. Chakrabarti is the C&S Technical Program Representative (TPR). The Committee plans to sponsor 14 paper and panel sessions focusing on:

- Fatigue Assessment in Pressure Vessel Design
- Environmental Fatigue Initiation and Crack Growth
- Structural Integrity of Pressure Components
- Developments in Codes and Standards
- Overview of Section XI Activities
- Section XI Activities II Response to Operating Experience

Mahendra D. Rana

Chair, Codes & Standards Committee

Computer Technology Technical Committee

The CT Technical Committee is actively involved with promoting the development and application of computer technology within the pressure vessel and piping industry. The Committee addresses issues related to emerging computer-related technical developments that affect analysis, design, and engineering process capabilities, hardware development and usage, software tools and computational algorithms. The latest developments in linear and non-linear mechanics, manufacturing process simulations, neural networks, and modeling techniques, including all aspects of finite, boundary elements, and meshless methods development, are of interest.

At PVP-2004, the Committee sponsored

20 technical sessions, seven of which were developed jointly with the PVRC Bolted Flange Connections Committee. The Committee also sponsored the Computer Software forum and a tutorial *Practical Applications of Finite Element Technology*. Many thanks to the 2004 Co-TPRs Y. H. Park and I. Nishiguchi.

For PVP-2005, the Committee will offer a forum and 15 technical sessions in areas of computer technology as well as bolted joints. G. Morandin is the 2005 TPR. The next Committee meeting will be held at the PVP-2005. For further information and/or suggestions regarding Committee issues, contact J. Martin at jmartin8@nycap.rr.com.

John Martin

Chair, Computer Technology Committee

Design and Analysis Technical Committee



Dennis K. Williams

The D&A Committee is concerned with the development and application of design and analysis methods for the pressure vessel and piping industry. It provides a

forum for engineers to advance new theories and to maintain an awareness of the latest developments in design and analysis.

At the 2004 D&A Committee meeting in La Jolla, D. LaBounty and J. Taagapera were elected to the Committee. Four prospective members will be considered at the 2005 meeting. The designated D&A TPRs for the future PVP conferences are: T. Seipp - PVP-2006, C. Basavaraju - PVP-2007, C. Rodery - PVP-2008.

At PVP-2004, the Committee sponsored 26 sessions with 99 papers published in four conference volumes. Many thanks to W. Koves, the 2004 TPR. D&A's D. K. Williams conducted the tutorial entitled *The Engineer in the Witness Chair*. R. K. Broyles and D. Edgar conducted a tutorial entitled *Expansion Joint Selection and Design*. For PVP-2005 the Committee is planning 26 technical sessions and a tutorial entitled *Buckling & Instability Considerations: A Look at Pressure Vessels and Bellows*. M. Porter is the 2005 TPR.

The Committee invites anyone interested

in joining and participating in the D&A activities to contact D. K. Williams (DennisKW@sharoden.com).

Dennis K. Williams

Chair, Design & Analysis Committee

Fluid-Structure Interaction Technical Committee



Wing Lau Cheng

The FSI Technical Committee promotes technology of the dynamics of fluid-structure interactions related to the design and operation of pressure vessels, piping, and components. Emphasis is on

the fundamental and engineering aspects of fluid dynamics, structural dynamics, flow-induced vibrations, fluid-structure interactions, media-solid interactions, multi-physics problems, extreme loading conditions, thermal-hydraulic loading, shock and wave propagation, explosive detonation and explosive-structure interactions.

At PVP-2004, the FSI Committee sponsored 38 technical sessions with 139 papers from the US and 19 other countries, as well as two panel sessions and workshops in computational fluid dynamics. Many thanks to A. E. Holdo, the TPR, task group leaders, and committee members.

For PVP-2005, Dr. J. C. Jo, the TPR, is leading the Committee in planning invited lectures, CFD workshops and the following International Symposia:

- Flow-Induced Vibration
- Transient Thermal-Hydraulic Loads in Vessels, Piping, & Components
- Structures under Extreme Loading
- Fluid-Structure Interactions and Sloshing
- Advances in Computational Fluid Dynamics (CFD)
- Dynamics of Explosive Detonation and Explosive-Structure Interactions
- Advanced Dynamics of Materials and Structures
- Fluid-Structure Interactions: Numerical Simulation & Experimental Methods

We look forward to seeing you at PVP-2005. Anyone interested in participating in the Committee activities is invited to attend the FSI Committee meeting at PVP-2005.

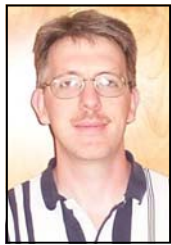
Wing Lau Cheng

Chair, Fluid-Structure Interaction Committee

Technical Committee News

(Continued from page 5)

High Pressure Technology Technical Committee



Daniel T. Peters

The HPT Committee focuses on research, design, development, and operation of high-pressure equipment and systems. The Committee supports the ASME Codes and Standards Division in the developing and updating Codes for high-pressure vessels, components and systems.

At PVP-2004, the Committee presented three technical sessions and one panel session. Special thanks to J. Pfeifer, the TPR, and all session developers. At PVP-2005, the Committee will sponsor three technical sessions: (1) Design and Analysis of High Pressure Systems, (2) High Pressure Applications, and (3) Processes and Fatigue and Fracture in High-Pressure Applications. E. Dupré, the 2005 TPR, with help from J. Keltjens and S. Terada has done an excellent job planning technical sessions.

Anyone interested in HPT activities is welcome to attend the next committee meeting at PVP-2005 in Denver.

Daniel T. Peters

Chair, High Pressure Technology Committee

Materials and Fabrication Technical Committee



Sharif Rahman

The M&F Committee promotes development and sharing of technical information related to material properties and fabrication technologies for pipes, pipe supports, components, and vessels. The materials efforts are focused on subcritical crack growth and fracture, fabrication, welding and residual stresses. The Committee has several subcommittees: Materials, Fabrication, Fracture, Subcritical Crack Growth, and Fitness for Service.

At PVP-2004 the M&F Committee sponsored 29 technical sessions, featuring 100 papers published in 4 conference volumes.

For PVP-2005 we are planning 30 technical sessions with 120 papers. The 2005 TPR is Dr. D. Scarth.

Membership in the Committee is open to people interested in technical developments related to materials and fabrication in pressure vessels and piping. The Committee has large international membership and offers a mentoring program for those interested in developing conference sessions. For information contact S. Rahman (rahman@engineering.uiowa.edu).

Sharif Rahman

Chair, Materials & Fabrication Committee

Operations, Applications & Components Technical Committee



Ronald S. Hafner

The OAC Committee provides a forum for the exchange of information on the various aspects of Operations, Applications, and Components that apply to the Pressure Vessels & Piping Division. The Committee is a dynamic organization, in which new ideas are encouraged, and interdisciplinary activities are welcome.

Each year the Committee sponsors a number of technical sessions in Reliability and Safety; Qualification and Testing, Monitoring and Diagnostics; Toxic Substances; Transportation, Storage, and Disposal of Radioactive Materials; Pumps and Valves; Operations and Maintenance; Piping and Pipe Supports; Plant Life Extension; Pressure Vessels, Heat Exchangers, and Structures; and Codes and Standards.

For PVP-2005, C. Alexander is the Lead-TPR and M. Sanwarwalla, the Co-TPR.

The OAC Committee welcomes new ideas, new concepts, and new members. If you would like to join our Committee, or have questions, comments, or suggestions, contact R. S. Hafner at hafner1@lnl.gov.

Ronald S. Hafner

Chair, OAC Committee

Seismic Engineering Technical Committee



Michael E. Nitzel

The SE Committee promotes the study and application of seismic engineering as it relates to the design and operation of pressure vessels, piping systems and components. Since seismic issues are globally important, our membership is a truly international group that welcomes new members.

At PVP-2004 the Committee sponsored 16 paper sessions with 64 papers published in two conference volumes. Authors from Japan, China, Taiwan, Greece, India, and the United States contributed these fine papers. Many thanks to Dr. V. Matzen the SETC 2004 TPR for coordinating the committee's sessions. In addition, the SETC's G. Slagis presented a tutorial *Piping Design To the ASME B&PV Code Section III*.

At the 2004 Committee meeting, T. Ito, H. Morita, and A. Sugiyama received the 2003 Best Seismic Paper Award. Of special note is the February 2004 issue of the JPVT devoted solely to seismic topics. G. Slagis coordinated selection and editing of the papers appearing in this issue.

At PVP-2005 the Committee plans to sponsor 14 paper sessions. Dr. C. S. Tsai is the 2005 TPR. Technical topics include seismic issues in Europe, seismic structural response, seismic base isolation, linear and nonlinear dynamic response, seismic design of buried piping, seismic damping, seismic testing, new seismic structural components, and seismic evaluation of systems, structures, and components.

Individuals interested in seismic issues and encouraged to contact M. Nitzel at michael.nitzel@inel.gov.

Michael E. Nitzel

Chair, Seismic Engineering Committee



American Society of Mechanical Engineers

PVP-2006/ICPVT-11

CALL FOR PAPERS

2006 ASME PRESSURE VESSELS AND PIPING DIVISION CONFERENCE

Hyatt Regency Vancouver
Vancouver, British Columbia CANADA
July 23 – 27, 2006

“Pressure Vessel Technologies for the Global Community”

PVP- 2006 - Join us in Vancouver, British Columbia, Canada, for the 2006 ASME Pressure Vessels and Piping/ICPVT-11 Conference! More than 150 paper and panel sessions are planned, as well as tutorials, NDE and Software demonstrations, and the Student Paper Competition. The PVP Conference is a great place to present your ideas and to meet colleagues as we work to create and advance PVP technologies for our global community of practice. PVP-2006 will be held jointly with ICPVT-11. The ASME Pressure Vessels and Piping Division and the International Council on Pressure Vessel Technology (ICPVT) will sponsor this Conference with participation by the Canadian Society of Mechanical Engineers, the ASME NDE Division and the ASME Pipeline Systems Division.

This **CALL FOR PAPERS** provides guidance for submitting abstracts for proposed technical papers for the 2006 ASME PVP Conference based on general topics. Specific Calls for Papers are available from the Technical Committees at the ASME PVPD conference web site at <http://www.asmeconferences.org/PVP06/>. The conference roster is available on this web site including contact information for the Technical Committee Program Representatives.

GENERAL TOPICS: (1) Codes and Standards, (2) Computer Technology, (3) Design & Analysis, (4) Fluid-Structure Interaction, (5) High Pressure Technology, (6) Materials & Fabrication, (7) Operations, Applications, & Components, (8) Seismic Engineering, (9) Nondestructive Examination, (10) Pipeline Systems, and (11) Student Paper Competition.

SCHEDULE: Abstracts are due by **October 30, 2005**. Authors will be notified of abstract acceptance by **November 15, 2005**. Draft papers are due by **December 31, 2005**. Paper peer review comments will be returned by **February 15, 2006**. Final papers in ASME format for publication must be received by **March 15, 2006**. All accepted papers will be published via CD-ROM/DVD.

CONFERENCE INFORMATION: Conference, publication, and PVP Division information will be available at the ASME PVPD web sites at <http://divisions.asme.org/pvp/> and/or <http://www.asmeconferences.org/PVP06/>.

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