



## Pressure Vessels and Piping Division Newsletter

Young W. Kwon, Editor

Spring 2007

### A Message from the PVP Division Chair



Judith A. Todd

**2** 006-2007 has been an exceptional year for the PVP Division. Membership remains strong, and the division's excellent fiscal health has

made it possible for us to increase our support for students who participate in future Student Paper Competitions. PVP 2007/CREEP 8 in San Antonio, Texas, promises yet another outstanding technical and social program, led by Jim Cory, Conference Chair, and Artin Dermenjian, Technical Program Chair. Please remember that authors are encouraged to submit their papers to be considered for publication in the Journal of Pressure Vessel Technology.

I am pleased to announce that the PVPD Executive Committee has approved appointment of the following PVP personnel. Mr. Michael E. Nitzel will join the PVP Executive Committee. He will serve one year as Professional Development Chair and will then move to the position of Honors Chair. Mr. Michiel P.H. Brongers will assume the new Membership Chair position. Dr. Vernon Matzen will be the new Chair of the Seismic Engi-

neering Committee. Dr. John Martin has agreed to serve a second term as Chair of the Computer Technology Committee and Dr. Poh-Sang Lam has agreed to serve a second term as Chair of the Materials and Fabrication Committee. Due to the changing nature of the PVP publications, for example, conference proceedings published in CD-ROM/DVD format, web-based conferencing, electronic newsletters, the PVPD web site, etc., the PVPD Executive Committee has combined the positions of Publications Chair and Publicity/Newsletter Chair into a new position entitled Communications Chair. Dr. Young W. Kwon will serve as the PVPD Communications Chair through his term of office until July 2009. Congratulations to all for their dedicated service to the PVP Division.

At a recent meeting with the ASME Early Career Engineering Forum at Drexel, in Philadelphia, President-elect Zamrik stated: *"To meet the challenges of the future, ASME has reorganized to be a more agile, responsive, global organization, focusing on industry, government and early career engineers, and providing more opportunities for sharing and disseminating technical knowledge. Today, we as Engineers are facing many new challenges in terms of rapid innovation and changing social priorities. Industry and academia are concerned about the readiness of the workforce, leadership training in innovation and entrepreneurship, and the shifting of knowledge resources in a highly competitive global market-*

*place. We will experience technological transformations in many engineering fields including energy, transportation, manufacturing, and agriculture, as they converge with disciplines such as biology and nanotechnology. Keeping pace with the rapid changes in emerging technologies, ASME is focusing its resources on providing lifelong learning, networking, knowledge-based programs, and advocacy on a global scale. Our mission is to promote and enhance the technical competency and professional well-being of our members through quality programs and activities in mechanical engineering."* The PVP Division and our members are well positioned to contribute to this mission and are active participants in the Knowledge and Community Sector initiatives.

In summary, I should like to thank the leadership of PVP, the Executive Committee, the Technical and Administrative Committee Chairs, the Senate, the ASME staff, and all our members for making my term of office such an enjoyable one. We have successfully navigated major changes in ASME and PVP Division structure and operations in the last few years. This would not have happened without all your contributions. It has been a privilege to work with you all, and to serve the PVP Division of ASME.

Judith A. Todd  
PVPD Division Chair

# PVP-2007/CREEP8 San Antonio, July 22-26, 2007

## Message from the Conference Chair



The PVP 2007 conference will be held jointly with The Eighth International Conference on Creep and Fatigue at Elevated Temperatures-CREEP8, July 22-26, 2007, at the San Antonio Hyatt, in San Antonio, Texas. We expect a great conference with over 550 papers, more than 170 sessions, 4 Tutorials and both the NDE and Software Forums. Our conference location this year is along the San Antonio River Walk, the #1 entertainment destination in Texas.

**Plenary Speeches** for PVP-2007/CREEP8 will include "Challenges to Pressure Vessel Technologies Presented by High Temperature Gas Cooled Reactors" presented by Dr. Regis A. Matzie, Senior Vice President and Westinghouse Chief Technology Officer, Westinghouse Electric Company, and "NDE and FAC Inspections at CPS Energy" presented by Mr. Richard M. Peña, Vice President of Fossil Generation, CPS Energy.

Our **Guest Program** will feature a daily continental breakfast (please register) in the Garden Terrace located on the First Floor – Guest Room Level. We have several exciting events scheduled for you during the week. First the Monday tour, **VIVA! SAN ANTONIO with Barge Lunch**, will take you to the Alamo, Menger Hotel, Missions and lunch aboard San Antonio River barges. The Conference-Wide reception on Monday evening will be held along the San Antonio River Walk at **La Villita for a Fiesta!** Your escorts to the reception will be Costumed Folklorico Dancers. So come join us in Old San Antonio for fun, food and music. On Tuesday there is a **Tour of Fredericksburg**, a quaint German town and Home of the Texas White House during the LBJ years, along with Johnson City and a stop at Wildseed Farms. The Wednesday eve-

ning social will be held at **Pedrotti's North Wind Ranch** and includes dinner, dancing, music and a full scale, full blown **Texas RODEO**, where you will experience the Republic of Texas at its finest!

We look forward to a great time at the PVP 2007/CREEP8 Conference, and to seeing you in beautiful, colorful, historic San Antonio.

James F. Cory, Jr.  
PVP-2007/CREEP8 Conference Chair

## Tutorial for PVP-2007/CREEP8



Artin A. Dermenjian

The PVP conference continues to be the international technical forum for the information exchange in different topics related to Pressure Vessel and Piping technologies. Tutorials present an excellent forum for the participants to further their knowledge-base by being exposed to diverse topics and exchange opinions and ideas both from industries and academia. Admission to the tutorial sessions is free and they are open to anyone who is a registered conference attendee.

**Special Tutorial** is a 2 hour conference session usually held on Sunday afternoon. The session leader will make available the necessary presentation material.

**Technical Tutorials** are ½-day conference sessions and are integrated in 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.

Each attendee will receive a "Certificate of Attendance" as a proof that the attendee has participated in the "2 hour Special Tutorial" or the "4 hour Technical Tutorial."

PVP Division will not assign Continuing Education Units (CEU) on these certificates however; attendees may negotiate CEU credits with their respective licensing

boards.

Following is the line-up for the tutorial sessions for the 2006 PVP conference.

### Special Tutorial

**Christopher Bajwa**, U.S. Nuclear Regulatory Commission, "Communicating Engineering Solutions and the Concept of Risk to the Public."

### Technical Tutorial I

**Robert Leishear**, Savannah River Site, Department of Energy, "Fundamentals of Water Hammer in Industrial Systems."

### Technical Tutorial II

**Michiel P. Brongers**, CC Technologies, Inc., "Failure Analysis of Engineering Equipment."

### Technical Tutorial III

**Robert E. Nickell**, Chairman of Task-Group, ASME Section VIII Division 3, on Impulsively Loaded Vessels, "Impulsively Loaded Vessels."

Artin A. Dermenjian  
PVP-2007/CREEP8 Technical Program Chair  
& Chair, Professional Development

## Awards Presented at PVP-2006 / ICPVT-11 in Vancouver



Luc H. Geraets

The Honors and Awards Luncheon of the Joint PVP-ICPVT Conference has been a tremendous opportunity to recognize prominent members of ours, through ASME and/or PVP

Division awards, for their voluntary contributions to the Society, the Division, and the PVP industry.

Two ASME Dedicated Service Awards were presented to M.K. Au-Yang and William Springer. M.K., as Chair of the PVP Division (2005-2006), was also presented the Board of Governors Award. Gouri S. Bhuyan and Dennis K. Williams were elevated to the Fellow grade of ASME.

At the Division level, the Pressure Vessels and Piping Medal was presented to Prof. Michel Pettigrew. Michel has a

## Honor Chair Message

(Continued from page 2)

long career with Atomic Energy of Canada, Ltd., and the Ecole Polytechnique in Montreal, while being active within PVP, by developing and presenting tutorials, publishing and reviewing papers, and organizing sessions, e.g., several symposia on Fluid Induced Vibrations. Michel is an ASME fellow.

The PVPD Outstanding Service Award has been presented to Sharif Rahman. Certificates of Appreciation or Recognition were presented to various individuals for services as officers for the Division and ICPVT (Technical Committee Chairs, ICPVT Chairs, Vice-Chairs and Secretaries, Associate Editors of the Journal, etc.), services to Technical Committees, outstanding performance at the Denver 2005 Conference (Papers, Sessions), or Conference special services for PVP2006 (authors of Tutorials, Plenary Speakers, Technical Program Representatives, etc.). Last but not the least, awards, each consisting of a certificate and a \$600 check, were presented to the nine semi-finalists (originated from three continents and six countries), in the Student Technical Paper Competition.

Luc H. Geraets  
Chair, PVPD Honors and Awards

## PVPD Communications News



Young W. Kwon

The Publication Chair was renamed as Communications Chair recently in order to emphasize the role of communications in a broad sense. Along with the name change, the new charter is being developed from the

previous one.

From PVP-2006/ICPVT-11 joint conference, a CD was produced which included all papers. In addition, ten post-conference hard copy proceedings were published as listed below:

*Codes and Standards* — 2006, edited by G. Chakrabarti and K. Hasegawa; *Com-*

*puter Technology* — 2006, edited by W. Reinhardt; *Design and Analysis* — 2006, edited by T. Seipp; *Fluid-Structure Interaction* — 2006, edited by M. Fischer and M. Moatamedi; *6th FSI, AE & FIV and N Symposia*, edited by M. Paidoussis; *High Pressure Technology, Nondestructive Evaluation, Pipeline Systems and Student Paper Competition* — 2006; *ICPVT-11*, edited by Sam Zamrik and G. E. O. Widera; *Materials and Fabrication* — 2006, edited by M. P. H. Brongers and C. E. Jaske; *Operations, Applications and Components* — 2006, edited by M. Sanwarwalla, and A. Smith; *Seismic Engineering* — 2006, edited by T. Clark.

As far as PVP-2007/CREEP8 joint conference is concerned, nine post-conference proceedings are being planned with one CD as usual.

Young W. Kwon  
Chair, PVPD Communications

## Journal of Pressure Vessel Technology News



G. E. Otto Widera

Lots of exciting things are happening at *The Journal of Pressure Vessel Technology (JPVT)*.

May, 2007 brings a Design and Analysis special issue organized by Associate Editor Dr. Dennis K. Williams.

An issue devoted to the honors papers from the 2006 Pipeline Division Conference is scheduled to be published in May 2008. Plans for a Hydrogen Effects special issue are pending. We are receiving a record number of manuscript submissions so there will be lots of informative and thought-provoking work published in the future.

I would like to take this opportunity to thank the JPVT Associate Editors whose terms expire in 2007. The dedication and expertise of Boris Blyukher, Mordechai (Micky) Perl, and Michel Pettigrew help to make the Journal an outstanding publication. Sincere thanks to these colleagues for their contribution to the success of the Jour-

nal.

I invite you to submit your papers via the Journal Web tool at <http://journaltool.asme.org>. An outstanding team of Associate Editors and Reviewers is committed to insuring that JPVT is the leading journal of its type in the world. Please contact Jessica Bulgrin, my assistant, via e-mail at [jessica.bulgrin@marquette.edu](mailto:jessica.bulgrin@marquette.edu) or by phone at 414-288-4427 with any questions you have on submitting manuscripts or on the publication process. We look forward to sharing your research with our industry.

If you or your company are not yet subscribing to either the hard copy or the electronic version of *The Journal of Pressure Vessel Technology*, you can do so on-line at [http://www.asme.org/Publications/Journals/Order\\_Subscribe.cfm](http://www.asme.org/Publications/Journals/Order_Subscribe.cfm) or by contacting ASME Customer Service at the e-mail address or phone number shown below:

Have questions? Contact Customer Service at: E-mail: [infocentral@asme.org](mailto:infocentral@asme.org)  
Phone: 1-800-843-2763, or 1-973-882-1170.

G. E. Otto Widera  
Journal Editor

## Student Paper Competition News



William J. Bees

The 2006 Pressure Vessels & Piping Division conference in Vancouver, British Columbia, Canada,

hosted the Fourteenth Annual Student Paper Competition. This competition was sponsored by the Senate of Past Chairs of the Pressure Vessels and Piping Division. The competition consisted of three technical sessions for the presentation of nine papers authored by undergraduate and graduate students in Mechanical or Civil Engineering or a related science curriculum. Presentation, judging and awards were divided into PhD and MS/BS levels.

Out of twenty nine abstracts submitted, nine finalists were chosen to present their papers, six at the PhD level and three at the undergraduate level. Each present-

## Student Paper Competition News

*(Continued from page 3)*

ing author received a special certificate and a \$600 stipend with the winning paper in each category receiving a \$500 prize. This year the second place author in the PhD competition received \$400.

Finalists included: (a) in the MS/BS category: Joey Cochran, North Carolina State University, USA; Chang-Sik Oh, Korea University, Korea; and Pablo Emilio Araya Gomez, The University of Nevada – Reno, USA, and (b) in the PhD category:

Ihab F. Z. Fanous, Memorial University of Newfoundland, Canada; Tsuyoshi Fukasawa, Tokyo Denki University, Japan; Janez Gale, Jozef Stefan Institute, Slovenia; Paul Smith, The University of Liverpool, United Kingdom; Tae-Rin Lee, Sungkyunkwan University, Korea; and Jing Mu, The Pennsylvania State University, USA.

The winning authors were: Joey Cochran in the MS/BS category, and, in the PhD category, Paul Smith – First and Jing Mu – Second.

William J. Bees, PE, Senate President

(2005–2006) was the session developer and co-chair and Ismail T. Kisisel, PE served as the co-chair. Judges included Bees and Kisisel, with Richard Gwaltney, PE, Greg Hollinger, PE, and A.G. (Jack) Ware, PE.

The Fifteenth Annual Student Paper Competition will be held at PVP07 in San Antonio, with Ismail T. Kisisel serving as the session developer.

*William J. Bees  
Senate President*

## PVPD Senator and ASME President-elect Sam Zamrik Received Penn State Engineering Society's Distinguished Service Award



*From the right are Dr. David Wormley, the Dean of the College of Engineering; Dr. Sam Zamrik, PVPD Senator and ASME President-elect; Dr Robert Pangborn, Penn State Vice President of undergraduate studies and Senior Vice President of ASME Strategic Management Sector.*

## PVPD Honor Committee Members



# PVP DIVISION TECHNICAL COMMITTEE NEWS

## Codes and Standards Technical Committee



Gora Chakrabarti

The Codes and Standards Committee provides a forum for the presentation and publication of technical information on pertinent topics relating to the Codes and Standards for pressure vessels and

piping. As such, it provides a continuing association with the Committees associated with the ASME Boiler and Pressure Vessel Codes, the ASME Piping Codes, and other International Codes and Standards.

The last PVP conference was held in Vancouver, Canada. It was a very successful conference. The Codes and Standards Committee sponsored 17 technical sessions with 65 papers presented. This year's PVP conference will be held in San Antonio, Texas. Kunio Hasegawa is the Lead TPR and Doug Scarth is the Co-TPR of the C&S Committee for this year's conference.

Preparations are underway for the 2007 PVP conference. A total of 13 major topics or symposia comprising 20 technical sessions and 3 panel sessions are planned. A few of these sessions are jointly sponsored by other committees. Dr. Spencer Bush, who passed away, was a driving force behind many advances in the current ASME Code related to NDE. As a memorial tribute in his honor, two special sessions are being planned in the upcoming conference.

The following is a listing of the major topics or symposia organized and sponsored by the C&S Technical Committee: Fatigue, Ratcheting, Crack Growth and Creep in Pressure Vessel Design; Environmental Fatigue Crack Initiation and Growth; Recent Developments in ASME Codes and Standards; Structural Integrity of Pressure Components: ASME Code Section XI Activities; Emerging Codes and Standards Issues; Recent Developments in

European Codes and Standards; Recent Developments in Japanese Codes and Standards; Interaction and Combination of Multiple Flaws; High Temperature Codes and Standards; Weld Overlay Repair of Nozzle and Piping; Recent Advances in NDE and ASME B&PV Code Section XI; *A Memorial in Honor of Dr. Spencer H. Bush*; and Efficient Computational Methods for Elastic Plastic Analysis.

Gora Chakrabarti  
Chair C&S Committee

## Computer Technology Technical Committee

The Computer Technology (CT) Technical Committee is an advocate of the development and application of computer technology within the pressure vessel and piping industry. CT also advocates proper documentation, verification, and qualification of computational tools for design and analysis applications. With rapidly increasing capabilities of hardware and the accompanying software, computer technology has demonstrated the ability to address a variety of technical challenges ranging from full scale manufacturing simulations to fluid solid interaction modeling, and all the way down to atomistic modeling of corrosion.

The CT Committee provides a forum to examine emerging computer-related technical developments affecting design and analysis issues, engineering process capabilities, hardware development and usage, software tools, and computational algorithms. Discussions and papers addressing the latest developments in linear and non-linear mechanics, material behavior modeling, manufacturing process simulations, smooth particle dynamics, bolted joint technology, and modeling techniques, including all aspects of finite, boundary elements, and meshless methods development, are followed with interest.

During the 2006 PVP in Vancouver, in addition to sponsoring the Computer Soft-

ware forum, the CT Committee presented sixteen (16) technical sessions. Of these sessions, six (6) technical sessions relating to design and analysis of bolted joints were developed in conjunction with the PVRC Bolted Flange Connections Committee, lead by Drs. Hakim Bouzid, Hans Kockelmann, and Toshiyuki Sawa. In addition, several of the overall sessions were jointly developed through teaming with the Design and Analysis, Manufacturing and Fabrication, and the Operations, Applications, and Components Committees. The CT Technical Committee wishes to thank Technical Program Representative Wolf Reinhardt of AECL for his work in overseeing the development of these CT sessions.

For PVP-2007 in San Antonio, Texas, the CT committee will again provide sessions addressing all facets and advances within the computer technology and bolted joint fields. In support of this conference, Technical Program Representative Dr. Hakim Bouzid has championed this year's technical sessions addressing a wide range of computer technology related topics. In addition, the CT Technical Committee will also be teaming with other ASME committees in an effort to bring to the forefront the coupling of computational tools with design and analysis techniques for applications relating to the pressure vessel and piping industry.

The next full CT Technical Committee meeting will be held in conjunction with the 2007 PVP Conference in San Antonio, Texas. The CT Technical Committee is always seeking to increase its active membership and to facilitate individuals or groups wishing to advance and/or promote the application of computational tools within the industry or for novel or advanced applications. For further information about the committee or suggestions and/or questions regarding committee issues, please contact CT Chair John Martin at 518-395-6755 or via email at [jmartin8@nycap.rr.com](mailto:jmartin8@nycap.rr.com).

John A. Martin  
Chair, CT Committee

## Design and Analysis Technical Committee



Marina B. Ruggles-  
Wrenn

**T**he D&A Technical Committee provides a forum to promote the development and exchange of information on design and analysis methods for the pressure vessel and piping industry. The D&A Committee fo-

cus is on advancement of traditional as well as new analysis methods in the areas of pressure vessel integrity assessment, fatigue and fracture of pressure vessels and piping, plant fitness for service and life extension, elevated temperature design, composite materials and structures, and robust design methods.

The D&A Technical Committee sponsored 28 technical sessions at the PVP-2006/ICPVT-11 Conference held in Vancouver, BC, where over 100 papers were presented. In addition, D&A's Charles Becht, Clay Rodery and Bob Sims conducted a technical tutorial entitled, "ASME Post Construction Standards — Repair of Pressure Equipment and Piping, ASME Standard PCC-2; Inspection Planning, ASME Standard PCC-3." The Committee is planning 29 technical sessions for the PVP-2007/CREEP8 in San Antonio, TX.

In 2006, Marina Ruggles-Wrenn was appointed Chair of the D&A Committee by the PVPD Executive Committee. The D&A Committee met on July 27, 2006 in Vancouver, BC. The meeting was attended by nineteen members, four prospective members and two guests were in attendance. The D&A Committee welcomes four new members elected at the PVP-2006: R. Leishear, T. McGreevy, S. McGuffie, and P. Mertiny. At least three new prospective members will be considered at the upcoming PVP-2007/CREEP8 Conference.

We look forward to seeing you at PVP-2007/CREEP8 in San Antonio TX. Anyone interested in participating in the Committee activities is invited to attend the D&A Committee meeting at PVP-

2007/CREEP8 and/or contact Prof. Ruggles-Wrenn at [marina.ruggles-wrenn@afit.edu](mailto:marina.ruggles-wrenn@afit.edu).

Marina B. Ruggles-Wrenn  
Chair, D&A Committee

## Fluid-Structure Interaction Technical Committee



Michael Fisher

**I**n September 2006 my good colleague and friend Wing Lau Cheng, former chair of the FSI Technical Committee passed away unexpectedly. The bad news hit us just by chance as one of our team members

planned to visit him in California, as they agreed before. Wing left wife and two children.

Wing Cheng dedicated his life within ASME to numerical engineering methods and based on this interest he founded the "International Symposium on Fluids, Structures and Fluid/Structure Interaction," in 1997. Since then, it took place within in the ASME PVP Conference on an annual basis. It turned out to become the second largest event within the FSI community at PVP. Wing also became FSI Technical Committee Chair and gave up this position only two months before he died.

Wing Cheng was a very open minded person. It was his objective to motivate his colleagues to contribute to the various sessions, to give them responsibility and to create a great team building process. It was my pleasure being hired to his symposium team in 1999 and since then and together with the rest of our team we organized seven conferences in a row with huge success. This was a great experience to me as a young engineer, then, still working as a scientist. He gave me the opportunity to grow as a person and an engineer and I will be thankful for this forever. I will always keep in mind his friendly laughing and that he constantly fell to sleep during the last couple of sessions of the conference, once his job was successfully done and he

could rely on that the team again made it.

My thoughts and the thoughts of the rest of our team and the FSI TC are with his family. We will all miss him very much.

Michael Fischer  
Chair, FSI Committee

## High Pressure Technology Technical Committee

**T**he High Pressure Technology (HPT) Committee held its annual meeting at the 2006 PVP Conference in Vancouver, BC, Canada. Membership includes representation from four continents.

The High Pressure Technology Committee focuses on the research, design, development and operation of high-pressure equipment and systems. This is an area of pressure technology that is presently experiencing technological advancements in many areas, while still remaining a highly experienced based art form. The Committee provides technical support to the ASME Codes and Standards Division in the development of new and updated Codes for high-pressure vessels, components and systems.

At PVP-2006/ICPVT-11, the Committee presented five technical sessions with 18 papers. Special thanks goes out to the Technical Program Representative (TPR) Mike Mann and the individual session developers.

At PVP-2007/CREEP8, the sessions are "High Pressure Design and Analysis," "High Pressure Technology Applications," and "New Applications and Advancements in High Pressure." Chris Morgan, the 2006 TPR, has done an excellent job planning all three technical sessions.

Anyone interested in high-pressure technology activities is welcome to attend the next committee meeting at PVP-2007/CREEP8 in San Antonio and participate.

Daniel T. Peters  
Chair, HPT Committee

## Materials and Fabrication Technical Committee



*Poh-Sang Lam*

The M&F Committee promotes the research, development, and sharing of technical information of materials science, properties, modeling, as well as fabrication technologies for piping, pipelines, vessels, and nuclear reactor components. The recent activities are primarily focused on fracture methodology, subcritical crack growth, environmental effects — including hydrogen and high temperature, advanced material development, fabrication processes, computational and statistical methods, welding, and residual stress effects. These efforts will lead to a better understanding of material performance and an improvement in structural design, structural integrity assessment, and fitness-for-service acceptance criteria for pressure vessels and piping systems. The M&F Committee has five subcommittees: Materials, Fabrication, Fracture, Subcritical Crack Growth, and Fitness-for-Service (for nuclear, petrochemical, alternative energy, and fossil industries).

At PVP-2006/ICPVT-11, the M&F TPR Michiel Brongers along with all the topic/session organizers developed 16 topics with 33 sessions that consisted of 30 paper sessions and three panel sessions. A total of 103 papers were published in the PVP proceedings. Because of the multidisciplinary nature of the M&F Committee, two sessions were organized in collaboration with the Codes and Standards Committee; and seven sessions with the International Conference for Pressure Vessel Technology. In addition, the Committee supported an NDE demonstration forum.

In November 2006 the M&F Committee also sponsored a two-session symposium on mechanical, fracture, and fatigue behavior of materials in hydrogen services in the ASME International Mechanical Engineering Congress and Exposition.

For PVP-2007/CREEP8, the M&F program is led by David Lidbury. The planned program includes 17 topics/symposia with 37 paper sessions and an NDE demonstration forum. In addition,

the M&F Committee co-organizes a panel discussion session with the Nanomaterial Task Force of the Pressure Vessels and Piping Division on the application of micro/nanotechnology, which is a new initiative and focal point of the Division.

Doug Scarth and Noel O'Dowd continue to serve as the Vice-chair and the Secretary to the Committee, respectively. The M&F has grown steadily through the years and determined to stay current with the latest technologies. We are proud to have a large international membership, which is open to all individuals with wide variety of disciplines, and to those who are interested in research and development in the pressure vessel technology. For more information please contact Poh-Sang Lam at [ps.lam@srnl.doe.gov](mailto:ps.lam@srnl.doe.gov).

*Poh-Sang Lam*  
Chair, M&F Committee

## Operations, Applications & Components Technical Committee



*Dennis H. Martens*

Ron Hafner has vacated the OAC Chair at PVP06 and has assumed his duties in the PVP Executive Committee.

Dennis Martens was appointed the OAC Chair and is looking forward to continuing the excellent work that Ron and the OAC have accomplished.

The OAC committee has a good selection and quantity of technical papers accepted for the 2007 PVP Conference. We look forward to an excellent technical program participation at PVP07.

The OAC is currently discussing methods to gain and mentor new members and recognizing the current members supporting participation. Dennis Martens notes, "OAC is a great place to network with peers, find technical support and establish long term working relationships. Encouraging our current members and new members to utilize these OAC attributes should be easy, but in reality this is a challenge that we all need to respond to."

The OAC welcomes your attendance at

our technical sessions and committee meeting in San Antonio; please join us.

*Dennis H. Martens*  
Chair, OAC Committee

## Seismic Engineering Technical Committee



*Michael E. Nitzel*

The Seismic Engineering Technical Committee (SETC) is looking forward to an exciting PVP-2007/CREEP8 Conference in San Antonio. Mr. D. T. (Tom) Clark is serving as the Seismic Engineering Track Organizer for the PVP-2007/CREEP8 Conference.

Papers will be presented in topical areas such as Experimental and Analytical Studies in Systems Interactions, Structural Dynamics, Seismic Isolation, and many others. Eleven technical sessions that include 39 technical paper presentations and our recurring forum session will be sponsored by the SETC. Technical papers are planned to be presented by an outstanding mix of international authors and groups of international coauthors. We hope to see you at many of our sessions!

News from the very successful PVP-2006/ICPVT-11 Conference in Vancouver includes the announcement that that Dr. Kenichi Suzuki and Dr. Hiroshi Abe were awarded the 2006 Outstanding Seismic Paper award for the paper entitled "Seismic Proving Test of Ultimate Piping Strength (Safety Margin of Seismic Design Code for Piping)." Also during the Honors and Awards luncheon, past SETC Chair, Dr. Kohei Suzuki, was awarded a Certificate of Appreciation for his service as the International Coordination Committee Chair. It was also announced that Dr. Suzuki is one of two recipients of the 2006 Calvin W. Rice Lecture Award. This award is an ASME society level award that is bestowed annually to commemorate the pioneering work of Calvin W. Rice in promoting and fostering international understanding, cooperation, and technical collaboration among engineers. Dr. Suzuki will deliver the Calvin W. Rice lecture during the PVP-2007/CREEP8 Conference in San Antonio.

Seismic engineering is a crosscutting discipline that interacts with many other technical specialties. We are focused on the promotion and enhancement of the study and application of seismic engineering as it relates to the design and operation of pressure vessels, piping systems, and other structural systems and compo-

ments. We encourage participation in the SETC and the annual ASME Pressure Vessels and Piping conference as an effective way to expand the state of knowledge in seismic engineering.

Since seismic issues are globally important, our membership is a truly international group that welcomes new members.

I encourage all who may be interested in seismic issues and desire more information to contact me at 208-465-6434, or via email at [gmnitzel@msn.com](mailto:gmnitzel@msn.com).

*M. E. Nitzel  
Chair, SE Committee*



## American Society of Mechanical Engineers CALL FOR PAPERS

*2008 ASME PRESSURE VESSELS AND PIPING CONFERENCE*  
Marriott on Magnificent Mile, 540 N. Michigan Avenue, Chicago, Illinois  
**July 27 – 31, 2008**

### ***“Nuclear Power Plant Renaissance; Change in Paradigm”***

PVP-2008- Join us in Chicago, Illinois, for the 2008 ASME Pressure Vessels and Piping Conference! More than 150 paper and panel sessions are planned, as well as tutorials, the NDE and Software Demonstration Forums, 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 the Power and Process Industries. The ASME Pressure Vessels and Piping Division will sponsor the PVP-2008 Conference with participation by the **ASME NDE Division, Korean Society of Pressure Vessels and Piping (K-PVP), Chinese Society of Pressure Vessels (C-PV) and Japan Society of Mechanical Engineers (JSME)**.

This **CALL FOR PAPERS** provides guidance for submitting abstracts for proposed technical papers for the 2008 ASME PVPD 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/PVP08>. The conference roster is available on this web site including contact information for the Technical Committee Program Representatives. All accepted papers will be published via CD-ROM/DVD.

**GENERAL TOPICS:** (1) Codes & 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; and (10) Student Paper Competition.

**SCHEDULE:** Abstracts are due by **November 16, 2007**. Authors will be notified of abstract acceptance by **December 1, 2007**. Draft papers are due by **February 29, 2008**. Paper peer review comments will be returned by **March 28, 2008**. Final reviewed papers in ASME format for publication and the 1903 Copyright Transfer Form for each paper must be received by **April 25, 2008**.

**CONFERENCE INFORMATION:** Conference, publication, and PVP Division information will be available at the ASME PVPD web sites at [www.asmeconferences.org/PVP08/](http://www.asmeconferences.org/PVP08/) and/or <http://divisions.asme.org/pvp/>.

**ABSTRACT AND PAPER SUBMITTAL:** Authors should submit a 200-word abstract with the contact author's complete affiliation, to the appropriate technical committee track/topic at <http://www.asmeconferences.org/PVP08/>. The draft paper, peer reviews and final paper are also to be submitted to the web site in accordance with the deadline schedule.

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