I am pleased to invite you to attend the 27th International Conference on OMAE, which returns to Portugal exactly ten years after the first Conference was organised by Instituto Superior Técnico in Lisbon.

This year, the OMAE Conference will be held at the Estoril Congress Centre, located about 25 km outside Lisbon. It is one of the principal towns situated along the Estoril Coast which, owing to a Mediterranean type microclimate, has mild winters and an ideal summer temperature. It is within easy reach of both Lisbon and Sintra.

The conference will be organized in eight traditional Symposia on:

- SYMP-1: Offshore Technology
- SYMP-2: Structures, Safety and Reliability
- SYMP-3: Materials Technology
- SYMP-4: Pipeline and Riser Technology
- SYMP-5: Ocean Space Utilization
- SYMP-6: Ocean Engineering
- SYMP-7: Polar and Arctic Sciences and Technology
- SYMP-8: CFD and VIV.

And it will be complemented by four Special Symposia on:

- SYMP-9: Nick Newman Symposium on Marine Hydrodynamics
- SYMP-10: Yoshida & Maeda Special Symposium on Ocean Space Utilization
- SYMP-11: Offshore Renewable Energy
- SYMP-12: Offshore Measurement and Data Interpretation.

This year the programme is supplemented by two topic-specific Workshops on:

- Risers for Deepwater - Worldwide Field Experiences, and
- Advances on Strain-Based Designs of Pipelines

OMAE 2008 promises to be a well attended Conference and the technical programme is very comprehensive, given the number of fields of activity it embraces and the record number of abstracts and papers already submitted. For more info, please visit: www.asmeconferences.org/OMAE08
Message from the OOAED Chair

With about 4500 members worldwide in the Ocean, Offshore and Arctic Engineering (OOAE) Division of ASME, we are obligated to provide our members with the best technical information, opportunities and services within the areas of ocean, offshore and arctic engineering. Through the years, OOAE has focused not only on the yearly OMAE conference but also on promoting OOAE to young engineers, providing opportunities to students and working more internationally by co-sponsoring locally organized symposia.

Largely owing to a unique group of volunteers, especially members of the OOAE Executive Committee (EC) and Extended Executive Committee (EEC) (please refer to http://www.ooae.org/), it has been possible to be active in achieving the mandate of the Division: promoting technological progress and international cooperation in ocean, offshore and Arctic engineering, and in recovering resources, such that environmental and economic successes are achieved safely.

One of the successes in 2007 was the 26th OMAE Conference, which was held June 10-15 in San Diego. It was a rousing success with 470 papers presented in 12 symposia, and with 729 total attendees over the five-day event. We had 13 sponsors and exhibitors which helped make it a financial success. We held our first Sailing Regatta not only using all of the Marina’s boats but a few more as well that drew a large group of participants.

In addition to the regular symposia, we featured a special symposium on Ocean Renewable Energy, Ocean Measurements and a symposium dedicated to Professor Robert Dean. We also held a symposium on Petroleum Technology organized by Glenn MacDonald and Andrew Wojtanjowicz of the Petroleum Division. Charles Smith of the Minerals Management Service and Cengiz Ertekin organized the Renewable Energy Symposium and Dick Seymour of Scripps Institution of Oceanography and Cengiz Ertekin organized the Ocean Measurement Symposium. These symposia will continue in 2008.

On the weekend prior to the conference, we also held two short courses, i.e., Vortex Induced Vibrations and Computational Fluid Dynamics. Both of these proved quite successful.

The success of OMAE 2007 was largely due to the support of many volunteers, including all the technical organizers, reviewers and authors, as well as the conference management, ASME-IPTI. The Conference would not have achieved this level of success without the huge efforts provided by the Chairmen of the Conference, Dr. John Halkyard and his co-chairs, Dr. Richard J. Seymour and Dr. Barbara Fletcher. During the planning of the Conference, OOAE and IPTI initiated a new initiative to recruit more engineers into the offshore industry. With the help of four sponsors (Shell, Global Santa Fe, ABS and Technip), we were able to offer scholarships for 40 young professionals who are currently not working in the offshore industry to be able to attend the conference and a special "Outreach for Engineers" forum.

In addition to our 2008 OMAE conference, OOAE presented a forum on opportunities for FPSO’s in the Gulf of Mexico. The presented topics focused on studies/planning, design, regulatory, and operational impact, including:

- Regulatory perspective
- Operator perspective/experience in the Gulf of Mexico
- Comparing the Gulf with other regions around the world
- Stationkeeping and turret issues
- Export challenges
- Riser issues
- Other FPSO designs

OMAE has also co-sponsored with CORE in National University of Singapore a specialty symposium in Marine Operations Specialty Symposium (MOSS), which was held in Singapore during March 6-7, 2008. The need for such a symposium is demonstrated by the boom of shallow and deepwater operations and facility installation activities worldwide from universities, research institutes, third parties, and offshore industries. In general, this symposium covered all offshore operation and installation-related issues.

As you read this message on OOAE’s website (www.ooae.org), another great newsworthy item in 2007 was that this website has been indexed in ISI Web Knowledge. Moreover, all OMAE proceedings papers are included in citation index of Thompson, starting with 2005.

Looking forward, we are glad to announce that the 2009 OMAE Conference will be held in Hawaii and the 2010 OMAE Conference will be held in Shanghai.

Thank you very much for your support and we will see you in Estoril, Portugal!

OOAE Division Chair
2007 – 2008
Dr. Xiaozhi (Christina) Wang
American Bureau of Shipping

Dr. Xiaozhi (Christina) Wang
OOAE Chair

One of the successes in 2007 was the 26th OMAE Conference, which was held June 10-15 in San Diego. It was a rousing success with 470 papers presented in 12 symposia, and with 729 total attendees over the five-day event. We had 13 sponsors and exhibitors which helped make it a financial success. We held our first Sailing Regatta not only using all of the Marina’s boats but a few more as well that drew a large group of participants.

In addition to the regular symposia, we featured a special symposium on Ocean Renewable Energy, Ocean Measurements and a symposium dedicated to Professor Robert Dean. We also held a symposium on Petroleum Technology organized by Glenn MacDonald and Andrew Wojtanjowicz of the Petroleum Division. Charles Smith of the Minerals Management Service and Cengiz Ertekin organized the Renewable Energy Symposium and Dick Seymour of Scripps Institution of Oceanography and Cengiz Ertekin organized the Ocean Measurement Symposium. These symposia will continue in 2008.

On the weekend prior to the conference, we also held two short courses, i.e., Vortex Induced Vibrations and Computational Fluid Dynamics. Both of these proved quite successful.

The success of OMAE 2007 was largely due to the support of many volunteers, including all the technical organizers, reviewers and authors, as well as the conference management, ASME-IPTI. The Conference would not have achieved this level of success without the huge efforts provided by the Chairmen of the Conference, Dr. John Halkyard and his co-chairs, Dr. Richard J. Seymour and Dr. Barbara Fletcher. During the planning of the Conference, OOAE and IPTI initiated a new initiative to recruit more engineers into the offshore industry. With the help of four sponsors (Shell, Global Santa Fe, ABS and Technip), we were able to offer scholarships for 40 young professionals who are currently not working in the offshore industry to be able to attend the conference and a special "Outreach for Engineers" forum.

In addition to our 2008 OMAE conference, OOAE presented a forum on opportunities for FPSO’s in the Gulf of Mexico. The presented topics focused on studies/planning, design, regulatory, and operational impact, including:

- Regulatory perspective
- Operator perspective/experience in the Gulf of Mexico
- Comparing the Gulf with other regions around the world
- Stationkeeping and turret issues
- Export challenges
- Riser issues
- Other FPSO designs

OMAE has also co-sponsored with CORE in National University of Singapore a specialty symposium in Marine Operations Specialty Symposium (MOSS), which was held in Singapore during March 6-7, 2008. The need for such a symposium is demonstrated by the boom of shallow and deepwater operations and facility installation activities worldwide from universities, research institutes, third parties, and offshore industries. In general, this symposium covered all offshore operation and installation-related issues.

As you read this message on OOAE’s website (www.ooae.org), another great newsworthy item in 2007 was that this website has been indexed in ISI Web Knowledge. Moreover, all OMAE proceedings papers are included in citation index of Thompson, starting with 2005.

Looking forward, we are glad to announce that the 2009 OMAE Conference will be held in Hawaii and the 2010 OMAE Conference will be held in Shanghai.

Thank you very much for your support and we will see you in Estoril, Portugal!

OOAE Division Chair
2007 – 2008
Dr. Xiaozhi (Christina) Wang
American Bureau of Shipping
MATERIALS TECHNOLOGY

The OOAE’s Materials Committee recognizes the important role of materials technology in ensuring the economic development and safe operation of the offshore and arctic industry. The Materials Committee continues to organize the world class OMAE Materials symposium that serves as a major forum for researchers, engineers, manufacturers, and fabricators to share recent advances, discuss problems, and identify challenges associated with materials application in the offshore and the arctic developments. In addition to addressing issues associated with high strength steel, underwater welding, fatigue and fracture control, on-line integrity monitoring and composite materials, the committee is placing special emphasis on characterization and performance of materials for sour service, structural integrity of aged structures and impact of plastic strain on performance of pipelines. Papers on these topics and more will be presented in the upcoming OMAE’08 conference. If you are interested in being part of the Materials Committee, please contact its chairman:

Dr. Mamdouh M. Salama, Ph.D., FASME, Engineering Fellow, ConocoPhillips (OF 1018), P. O. Box 2197, Houston, TX 77252-2197, Tel: (281) 293-3132
mamdouh.m.salama@conocophillips.com

PIPELINE AND RISER TECHNOLOGY

PRT Symposium in OMAE 2008 will have 72 presentations by distinguished specialists, organized in 18 sessions, in the most challenging areas related to offshore pipelines and risers. It will cover design, ultimate strength, fatigue & fracture, soil-pipe interaction, installation and inspection & maintenance. An especial session will be devoted to the new subsea production system without the use of platforms, the concept Subsea to Beach implemented in the Ormen Lange field in Norway.

The PRT Symposium will be combined with Materials and Offshore Technology Symposium in order allow those interested in riser technology to attend all the related sessions, including materials aspects, global response under environmental loading and induced top motions from floating units.

As usual the Symposium promotes industry and academia interaction on practical, theoretical, and experimental aspects of offshore pipeline and riser technology. It aims to provide an established forum where recent experiences, innovative ideas and techniques can be presented and discussed.

PRT Symposium Chair: Prof. Segen Estefen, Laboratorio de Tecnologia Submarina - PEN/COPPE/UFRJ, P.O. Box 68508 - CEP 21945-970 - Rio de Janeiro - Brazil, Tel: +55-21-25627792, Fax: +55-21-25627794
Eml: segen@lts.coppe.ufrj.br

OCEAN SPACE UTILIZATION

This symposium is to expand international cooperation, understanding and promotion of disciplines in the area of Ocean Space Utilization. Dissemination of knowledge by presenting research results, new developments, and novel concepts in Ocean Space Utilization will serve as the foundation upon which the conference program of this area will be developed, such as Very Large Floating Structures, Coastal Design & Management, and Marine Environmental Assessment.

OSU Symposium Chair: Prof. Takeshi Kinoshita, IIS, University of Tokyo, 4-6-1 Komaba, Meguro-ku, Tokyo, 153-8505, Japan, Tel: +81-3-5452-6169, Fax: +81-3-5452-6170. kinoshit@iis.u-tokyo.ac.jp

YOSHIDA AND MAEDA SPECIAL SYMPOSIUM ON OCEAN SPACE UTILIZATION

This symposium is organized to honor the significant accomplishments of Professors Koichiro Yoshida and Hisaaki Maeda in the fields of Ocean Space Utilization. They both have been leading researchers on the subject of hydroelasticity and structural mechanics of Very Large Floating Structures (VLFS). Invited lectures titled “Foundations of Marine Structural Mechanics for the Education” will be given by Professor Yoshida and “Bessho’s reverse time potential and wave free potential” lecture will be given by Professor Maeda. Current research results, new developments, and novel concepts will be presented, about wave responses of not only VLFS but also many types of platforms, under-water technology, remote sensing and exploitation technology of ocean natural methane hydrate.

Continued on Page 4
OFFSHORE TECHNOLOGY

This year about 100 papers will be presented within the Offshore Technology Symposium. The increased deep-water offshore activities are again well represented in this year’s papers, particularly in the area of floating systems and deepwater risers. Structures of interest in deep water application, such as, Floating Production and Offloading Systems (FPSO), SPAR, Tension Leg Platform (TLP), Semisubmersibles, Spread Mooring Systems (SPM) are covered in several technical sessions. A special session has been arranged in the area of unique Gravity Actuated Pipe (GAP) system used in the Kikeh field.

However, the overall subject matter of the Offshore Technology Symposium is quite varied. It covers many areas of offshore structural developments including environmental forces, hydrodynamics, fixed structures, and floating body dynamics. Both theoretical and practical aspects of the subjects are equally covered. Moreover, there is a good balance between the research and application oriented papers. The symposium will include papers that are of equal interest to the researchers and the practicing engineers.

POLAR & ARCTIC SCIENCE and TECHNOLOGY

It is estimated that the Arctic contains more than one third of the world’s undiscovered oil and gas. Although some development has already occurred, the region remains one of the last energy frontiers. But the region is also one of the most difficult areas in the world to work, due to its remoteness, the extreme cold, dangerous sea ice, and its fragile environment.

The challenge for entering the Arctic will be to find solutions to produce gas and oil with the highest standards for protecting the environment. Big energy companies are preparing to go into the Arctic, they are taking measures in order to ensure that they operate safely and responsibly.

This is not the first run to the Arctic. Petroleum companies entered into the Arctic already half a century ago. Experiences from past Arctic developments show the potential hazards of further exploration there. A key challenge will be developing and deploying solutions, which are currently at the cutting edge of technology. Also subsea technology, which can operate underneath the ice, could be a key to the economic development of oil and gas in the Arctic. But also this technology needs to be adjusted for the special conditions in ice and further developed.

Transportation of gas and oil from such remote parts of the globe are also a huge challenge to the energy industry with high technology demands on both vessels and pipelines.

Dr. Subrata K. Chakrabarti, Offshore Structure Analysis, Inc., 13613 Capista Drive, Plainfield, IL 64544, USA, Tel: +1 815-436-4863, Fax: +1 815-436-4921, Eml: osaincorp@aol.com

You want to know more? The Polar and Arctic Sciences and Technology Symposium of OMAE2008 promotes the understanding of the cold regions of the earth through environmentally compatible design and construction, safe operation, maintenance, and integrity of both offshore and onshore structures in these fragile regions. The small but fine symposium covers topics from offshore structures and vessels including pipelines in ice. It also features challenges on renewable energy installations in ice.

For more information, contact the Symposium Coordinator: Dr.-Ing. Walter L. Kuehnlein Director, HSVA, Bramfelder Strasse 164, D-22305 Hamburg, GERMANY Tel: +49-40-2261 4633 Fax: +49-12120-269 356, Eml: walter@wk-group.org

OFFSHORE MEASUREMENT AND DATA INTERPRETATION SPECIAL SYMPOSIUM

This special symposium is part of the OMAE 2008 Conference and it is organized through four technical and one keynote sessions. The objectives of this symposium are to present, discuss, and enhance the full scale measurements for ocean environment, and specifically measurements of the ocean areas around the world that are of a particular interest to marine community.

Continued on Page 6
Solomon Yim was selected by the OOAED Division’s Executive Committee as the Offshore Mechanics and Arctic Engineering Journal editor in Feb 2007. He was nominated to the ASME in June and interviewed with the ASME Board of Editors and Journal Management Team in September. He and Julie Barlow assumed duty as editor and assistant, respectively, of the Journal of Offshore Mechanics and Arctic Engineering a few weeks afterward when all the paperwork was completed.

Past Editor Prof. Stephen Liu kindly agreed to provide a smooth transition by overlapping with Solomon and guiding Solomon and Julie through the first three months of their duties so Stephen might pass on his experience and wisdom on editorial matters to them. Solomon and Julie greatly appreciate Stephen’s effort and advice.

Solomon attended the ASME Board of Editors meeting at the ASME Congress in Seattle on November 11 and met with editors of the other 22 ASME journals and the journal management team from ASME Headquarters. Solomon learned the details of journal operation and the logics behind the rules and regulations of ASME publications. Solomon and Julie are pleased to report that, thanks to the efforts of the OMAE community and the previous editors – Drs. Subrata Chakrabarti and Stephen Liu, and the associate editors, the journal experienced significant growth over the past few years. Specifically, the OMAE journal subscription rates were 441 for FY2002-03, 439 for FY2003-04, 667 for FY2004-05, 719 for FY2005-06, and 837 for FY2006-07. As in previous years, in 2008, four issues were published in the months of February, May, August and November. During the calendar year, 93 manuscripts were received for consideration for publication, 37 papers were published in a total of 335 journal pages. These great results are the fruits of the contributions of the authors, and Stephen and the associate editors’ efforts. Solomon and Julie have now assumed full duty of the journal and look forward to continue their service for the next few years.

OMAE Proceedings are indexed in Elsevier’s Compendex. The OMAE conference abstracts also appear in Elsevier’s Scopus database, which also includes cited references.

Recently, the OMAE 2005 Proceedings have been selected by ISI (Thomson) for inclusion in the Index to Scientific & Technical Proceedings (ISTP CDROM Version/ISI Proceedings) (Web of Knowledge), the Index to Scientific & Technical Proceedings (Print), and the Materials Science Citation Index. OMAE 2006 and 2007 proceedings are currently being reviewed by Thomson for inclusion. This selection is the first one in offshore and ocean engineering area and shows the high quality of the review and publication process undertaken by the OMAE Conference organizers and ASME.

Normally, Thomson indexes journal papers, and in few cases conference proceedings are also indexed. This indexing allows one to keep track of citations to own works, thereby knowing how much the work is referred to by others. This information is valuable in promotion or tenure applications in academic organizations but more and more private and governmental organizations give weight to such records.

All OMAE proceedings papers ToC are listed at [http://www.ooae.org/omaedatabase/omaedatabase.htm](http://www.ooae.org/omaedatabase/omaedatabase.htm) starting with the 1995 conference. Until 2002, all proceedings papers were published in print form. Starting with the 2002 Proceedings, all OMAE papers are published on CDs as Acrobat Reader files. These papers can be purchased online at the ASME web site located at: [http://store.asme.org/category.asp?catalog%5Fname=Conference+Papers&category%5Fname=Offshore%2COcean+and+Arctic+Engineering%A0&Page=1](http://store.asme.org/category.asp?catalog%5Fname=Conference+Papers&category%5Fname=Offshore%2COcean+and+Arctic+Engineering%A0&Page=1)
OFFSHORE MEASUREMENT AND DATA INTERPRETATION SPECIAL SYMPOSIUM

The state of the art measurement methods applicable to address responses of offshore platforms and the marine systems will be also presented. The importance of this Symposium for the marine community is to provide a unique opportunity for a live discussion among the engineers in industry, university, and government and to collaborate in their endeavors to improve understanding of interaction between real ocean environment and offshore facilities. It is also an occasion to demonstrate and promote the use of the advanced measurement technology in improving reliability, safety, and profitability of the offshore facilities. The Symposium will host more than 30 technical papers and presentations. More about the symposia can be found at www.asmeconferences.org/OMAE08

Special OMDI Symposium Coordinator: Dr. Igor Prislin, Ocean Engineer, BMT Scientific Marine Services, USA Eml: prislini@scimar.com

CFD and VIV

The computational fluid dynamics (CFD) and vortex induced vibration (VIV) symposium should again prove to be a stimulating and highly informative program. The formal program of papers will have approximately 58 presentations covering a wide range of topics, including risers, vessel motions, sloshing and free surface modeling, pipeline VIV and spar VIM. We will start off with two keynote speakers giving invited talks in each of our two main topic areas.

- Dr. Len Imas will address high fidelity CFD simulations for engineering applications. Case studies in aero-hydrodynamic analysis of high performance racing yachts should make for an enjoyable introduction. Dr. Imas has a wealth of experience in the use of CFD models and can speak to the challenges of using CFD for actual production applications.
- Prof. Carl Martin Larsen will speak on hydrodynamic coefficients for combined cross-flow and in-line VIV. Using both forced and free vibration experimental data, Prof Larsen and his students have worked to derive improved coefficients that show the complex relationship between the cross-flow and in-line VIV. His presentation should stimulate discussion on methods used in current predictive models.

The program will wrap up with our annual Panel on CFD & VIV Benchmarking. This year we will be reporting on the VIV data repository (http://oe.mit.edu/VIV) and proposing specific challenges for the 2009 OMAE Conference. The repository is open to the public and contains datasets from laboratory and full scale measurement programs that have been previously proprietary and largely unavailable. Possible uses of the data, 2009 challenges and an expansion of the database will be addressed in detail at the panel session on the last day of the conference. Attendees are encouraged to make use of the benchmark datasets to do such things as validate numerical models, investigate the physics of VIV and address specific design issues.

Symposium Coordinator: Dr. Owen H. Oakley, Jr., Chevron Energy Technology Co., 6001 Bollinger Canyon Rd., San Ramon, CA 94583-2324, U.S.A. Tel/Fax: +1 (925) 842-4953/842-8626, Eml: ohoakley@chevron.com

Continued on Page 7
Prof. Nick Newman Symposium on Marine Hydrodynamics

The OOAE Division was proud to award a Lifetime Achievement Award to Professor Nick Newman at the 24th OMAE Conference in Vancouver in 2004, and we doubly proud this year to be able to convene a Special Symposium on Marine Hydrodynamics in his honor at the 27th OMAE Conference in Portugal. The principal goal of this symposium is to honor the significant accomplishments of Professor Newman in the fields of marine hydrodynamics which has formed the foundation of much of the development of floating production systems in the last few decades. It is also a chance to bring together many former students and colleagues to show their appreciation and respect. The goals are to review the present state of marine hydrodynamics, and to chart the future of this area of investigation from the point of view of offshore engineering. This symposium shall provide guidance and inspiration for those of us interested in continuing to advance marine hydrodynamics as we begin the 21st century.

We are pleased to have a distinguished Scientific Committee representing many leading hydrodynamicists in industry, academia and government (See https://www.asmeconferences.org/OMAE08/Newman_SC.cfm for a list of scientific committee members). There will be over 40 papers presented at the Symposium scheduled in 14 sessions for June 16-19, 2008. You may attend the Symposium by registering for OMAE 2008 at http://www.asmeconferences.org/OMAE08.

SPECIAL SYMPOSIUM ON OFFSHORE RENEWABLE ENERGY

OMAE 2006 in Hamburg initiated a very successful Symposium on Offshore Wind Energy, a very active area in Europe. Previous to this offshore renewable energy has been part of the Ocean Engineering Symposium. The subject is also of growing interest in the US and many other countries. This special symposium is being organized to explore the latest technologies and the drivers for all offshore renewable energy resources including wind, wave and current. Prof. Falcao will deliver the Keynote speech of the symposium on “Challenges and prospects in wave energy utilization”. There will be 35 papers on wind, wave, tide and current energy. For more information contact symposium co-coordinators: Dr. Charles Smith, MMS, Eml: Charles.E.Smith@mms.gov, or Prof. Cengiz Ertekin, University of Hawaii at ertekin@hawaii.edu.

OCEAN ENGINEERING

This the seventh Ocean Engineering Symposium of OMAE. There are 92 peer-reviewed papers and technical presentations in sessions on wave mechanics, underwater technology, marine vehicles and structures, towed and undersea cables and pipes, mooring and buoy technology, coastal engineering, geotechnology, foundation engineering, computational mechanics, aquaculture, marine environmental engineering, and model tests.

For more information, contact the Symposium Coordinator: Prof. R. Cengiz Ertekin, University of Hawaii, Honolulu, HI, USA, Eml: ertekin@hawaii.edu

Continued on Page 9
IPTI NEWS - Looking Back Over Three Years

At the Vancouver Conference in June of 2004, the OOAE Division chose to realign itself with the "IPTI" (International Petroleum Technology Institute) Institute within ASME. For most of us who have spent long hours supporting the annual conference, it did not seem to be much of a change. After all, we have generally kept our heads down, not paid too much attention to ASME headquarters in New York, and consistently delivered a world-class conference.

There are a number of benefits that have sprung from this association:

What it has done is bring OOAE closer to the two other divisions in the Institute, the Petroleum and the Pipeline Systems Divisions. Some may recall that OOAE/OMAE had a pivotal role in the creation of the Pipeline Systems Division after a number of years of brilliant conferences in Calgary by a core group of "pipeliners" following the very successful OMAE Calgary of 1992.

It has also provided OOAE with a much stronger voice in ASME matters that affect the Division directly. Not least of which are the various contractual and legal requirements that go with the logistics of the annual conference. Also a more tangible presence, and access to ASME/IPTI staff in Houston. Also, IPTI has argued that as a Division we should be given credit for the Journal & membership to offset internal costs.

It has also challenged us at OOAE to broaden our initiatives somewhat to be even more valuable to our clientele, leading to strategic decisions around programming in China, and a series of focused forums: one on Marine Operations in Singapore this year, as well as another on FPSOs in Houston this year.

On the other hand, it has challenged ASME to be more aware of the nuances of "International" programming through our long tradition of international "Champions" who have hosted a string of stunning, high-quality and outstanding-value events.

The OOAE Division has a member on the IPTI Board of Directors who can make ASME more fully understand just what makes our activities successful, as well as bring to OOAE those professional ASME desires around ethics, codes of conduct, legal and financial commitments. It is an arrangement that should be beneficial to all involved.

Dr. Denby Morrison, Shell Oil Company, Houston, TX, USA, IPTI Representative of OOAED

OUTREACH TO ENGINEERS FORUM

The offshore and arctic areas are the last frontier for finding hydrocarbon reserves. In addition, the offshore is a prime location for harnessing alternate energies such as offshore wind power, wave/tidal power and ocean thermal energy. Although industry is pursuing all of these alternatives, there is an acute manpower shortage of technical personnel to fill the needs of this growing industry. Exciting career opportunities for engineering students and early professionals can be found throughout the world.

To provide senior engineering students and early professionals an introduction to an exciting profession, the ASME Ocean, Offshore and Arctic Engineering Division (OOAE) of the International Petroleum Technology Institute (IPTI) is hosting a specialty forum at the OMAE 2008 in Portugal. The specialty forum is designed for new graduates and early professionals who may not be familiar with the industry as well as those who have already specialized in this area.

This is the second year for the Outreach to Engineers Forum. Highlights of the Forum will include presentations of the various technologies required, types of job opportunities and possible career paths, as well as site tours. A job fair will also be featured which allows you the opportunity to discuss your situation with engineers, managers and human resources professionals from some of the leading companies in the industry.

In addition, Outreach to Engineers Specialty Forum delegates will be provided with the opportunity to participate at the 27th International Conference on Offshore Mechanics and Arctic as conference delegates. This conference will showcase over 400 technical papers from engineers and scientists from around the world, with 13 Symposia representing the range of technologies.

For more information, see page 11 or visit: http://www.asmeconferences.org/OMAE08/Outreach.cfm

Contact: Dr. Jim Brekke, Eml: jim.brekke@globalsantafe.com
OOAE Division Elections for 2008-2009

Every year, the OOAE Division of ASME holds elections to form the Executive Committee (EC) of the Division. According to the By-Laws of the Division, the current Executive Committee and the Advisory Committee (AC), with a minimum of one-half the technical committee chairs voting, elect the members, both new and continuing. To be elected, a candidate must receive at least 50% of the votes cast. The Nominations and Elections Committee (NEC) solicits nominations, holds the elections (by confidential ballot) and announces the results soon after voting is closed. The election becomes effective for the following ASME fiscal year. To qualify for nomination, the individual shall have satisfied certain requirements (see the By-Laws).

This year, NEC consisted of Cengiz Ertekin (Chair), Carlos Guedes Soares and Mamdouh Salama. The elections were held to fill the eight positions of the EC of the Division. The voting closed on March the 28th, and the following slate of officers were elected for the 2008-2009 term which starts on July 1, 2008:

<table>
<thead>
<tr>
<th>Office</th>
<th>Candidate</th>
<th>First term on EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Segen Estefen (Pipelines)</td>
<td>2004-05</td>
</tr>
<tr>
<td>First Vice-Chair</td>
<td>Ron Riggs (Offshore)</td>
<td>2005-06</td>
</tr>
<tr>
<td>Second Vice-Chair and Treasurer</td>
<td>Walter Kuehnlein (Polar &amp; Arctic)</td>
<td>2005-06</td>
</tr>
<tr>
<td>Secretary</td>
<td>Jon Mikkelson (Ocean)</td>
<td>2005-06</td>
</tr>
<tr>
<td>Voting Member</td>
<td>Owen Oakley (CFD &amp; VIV)</td>
<td>2006-07</td>
</tr>
<tr>
<td>Voting Member</td>
<td>Meheronsoh Irani (Offshore)</td>
<td>2006-07</td>
</tr>
<tr>
<td>Voting Member</td>
<td>George Wang (SSR)</td>
<td>2008-09</td>
</tr>
<tr>
<td>Member-Elect (Non-Voting member)</td>
<td>Hideyuki Suzuki (OSU)</td>
<td>2008-09</td>
</tr>
</tbody>
</table>

The next step is for the new EC members to form the Division Roster by establishing various committees. If you would like to participate in one or more of these committees, please contact an EC member or the OOAED Chair for 2008-2009, Prof. Segen Estefen.

OMAE 2008 Symposia Highlights (continues from Page 7)

Structures, Safety and Reliability Symposium

This Symposium addresses the probabilistic methods that allow the description of loading and strength variables, which constitute the basic information necessary for the assessment of safety and reliability of marine structures. This year this symposium will have papers spread in six major areas:
- Structural analysis and optimisation; Ultimate strength; Strength of tubular joints; Collision and crashworthiness
- Extreme and Freak Waves; Probabilistic and Spectral Wave Modelling
- Probabilistic Models of Forces and Motions
- Reliability of Structural Components in Marine Structures; Pipelines & Floating Production Systems; Fracture and Fatigue Reliability
- Probabilistic Models of Corrosion; Reliability Based Maintenance and Inspection Planning; Life Cycle Cost Optimization
- Risk Analysis and Safety Management; Human and Organizational Factors; Maritime Accident Investigation; Safety against Oil Pollution, Fire and Explosion Safety.

For more Information, contact: Prof. Carlos Guedes Soares, Instituto Superior Tecnico, Em: guedess@mar.ist.utl.pt
Conference Announcement

The International Committee of the OMAE Conferences announces that the Conference will be in Honolulu, Hawaii from 31 May to 5 June, 2009, on the island of Oahu.

The Conference will be Chaired by Prof. Cengiz Ertekin (ertekin@hawaii.edu) and Prof. Ron Riggs (riggs@hawaii.edu) of the University of Hawaii and it will be supported by the University of Hawaii, and will be managed by Ms. Sarah Lowis (sarah@seatoskymeetings.com), CMM, CMP, BA, of the Sea to Sky Meeting Management Company of Vancouver, Canada.

Conference Venue

The conference will be held at Sheraton Waikiki Hotel which has excellent meeting facilities to hold OMAE 2009. Honolulu has an ideal summer temperature and is well known as a seaside resort city with its inviting beaches.

It is planned that OMAE 2009 will take the usual form of OMAE Conferences, complemented by specific details. The Sheraton Waikiki Hotel has a large combination of various rooms which would accommodate very well the specific requirements of OMAE 2009. It also has large open spaces for exhibitions, receptions and meals.

There will be the regular symposia as well as special symposia during OMAE 2009 in Honolulu. The regular symposia are:

- Offshore Technology: Dr. Subrata K. Chakrabarti, E-mail: osaincorp@aol.com
- Structures, Safety and Reliability: Prof. Carlos Guedes Soares, E-mail: guedess@alfa.ist.utl.pt
- Materials Technology: Dr. Mamdouh M. Salama, E-mail: mamdouh.m.salama@conocophillips.com
- Pipeline and Riser Technology: Prof. Segen Estefen, E-mail: segen@lts.coppe.ufrj.br
- Ocean Space Utilization: Prof. Takeshi Kinoshita, E-mail: kinoshit@iis.u-tokyo.ac.jp
- Ocean Engineering: Prof. R. Cengiz Ertekin, E-Mail: ertekin@hawaii.edu
- Polar and Arctic Sciences and Technology: Dr.-Ing. Walter L. Kuehnlein, Eml: walter@wk-group.org
- CFD and VIV: Dr. Owen H. Oakley, Jr., Eml.: ohoakley@chevron.com

Some of the Special Symposia that are expected to be part of OMAE 2009 are:

Petroleum Technology, Offshore Renewable Energy, Offshore Measurement and Data Interpretation, and Geotechnical Engineering
An Outreach for Engineers Specialty Forum

“Career Opportunities in the Oil and Gas Profession”

OVERVIEW

The worldwide demand for energy has placed increasing pressure on industry to find new sources for energy, both traditional hydrocarbon reserves and new alternate forms of energy. The offshore and arctic areas are the last frontier for finding hydrocarbon reserves. In addition, the offshore is a prime location for harnessing alternate energies such as offshore wind power, wave/tidal power and ocean thermal energy. Although industry is pursuing all of these alternatives, there is an acute manpower shortage of technical personnel to fill the needs of this growing industry. Exciting career opportunities for engineering students and early professionals can be found throughout the world.

To provide senior engineering students and early professionals an introduction to an exciting profession, the ASME Ocean, Offshore and Arctic Engineering Division (OOAE) of the International Petroleum Technology Institute (IPTI) is hosting a specialty forum at the 2008 Offshore Mechanics and Arctic Engineering Conference (OMAE) in Estoril, Portugal. The specialty forum is designed for new graduates and early professionals who may not be familiar with the industry as well as those who have already specialized in this area.

“The program was excellent. I learned a lot from the sessions, and am considering working in this industry in the future as a result.” – Comment from a 2007 Outreach attendee.

Who Should Attend?

- Senior Undergraduate Students enrolled in Engineering or Science Curricula.

- Graduate Students (both Masters and Doctoral levels) with specialization in fields such as ocean and/or offshore engineering, civil engineering, mechanical engineering, petroleum engineering, and aerospace engineering.

- Early professionals who graduated with the related engineering or science qualifications and have gained experience in other industrial and research environments but are interested in exploring the exciting career opportunities in the ocean, offshore and arctic engineering fields.

Please note that related fields for an early engineering professional might include experience in the automotive and aerospace sectors, building construction, manufacturing, ship building, etc. Many of the engineering skills learned in related fields can be applied to ocean, offshore and arctic engineering.

This is the second year for the Outreach to Engineers Forum. Highlights of the Forum will include presentations of the various technologies required (e.g. from geosciences to mechanical/structural engineering and project management), types of job opportunities and possible career paths, as well as site tours. A job fair will also be featured which allows you the opportunity to discuss your situation with engineers, managers and human resources professionals from some of the leading companies in the industry.

In addition, Outreach to Engineers Specialty Forum delegates will be provided with the opportunity to participate at the 27th International Conference on Offshore Mechanics and Arctic as conference delegates. This conference will showcase over 400 technical papers from engineers and scientists from around the world, with 13 Symposia representing the range of technologies.

Where and When is it?

The Outreach to Engineers Specialty Forum will be held during the OMAE 2008 conference. Delegates to the forum are strongly encouraged to attend the full conference from June 15 to 20th. See website for detailed schedule of events.

Cost

The cost for qualified “Outreach to Engineers” participants is at a discount of regular registration. The price includes the specialty outreach forum and the full OMAE2008 package.

Scholarships

Through the generosity of our industrial sponsors, the organizers of the Outreach to Engineers Specialty Forum will be offering scholarships to cover registration costs and help offset travel and accommodation costs. The scholarships are open to students and young engineers from around the world. Application forms will be available for download from the website, http://www.asmeconferences.org/OMAE08/outreach.cfm.