

The International Petroleum Technology Institute

VISION & MISSION: The ASME International Petroleum Technology Institute is concerned with implementing a leadership role in the dissemination of technical and other information to mechanical engineers and other engineers who are directly or indirectly engaged in industry's developing energy sources and in converting them into basic raw materials and fuels. These include Petroleum, Natural Gas, Coal, Oil Shale, Petrochemical and other energy-oriented industries.

Membership Demographics

- IPTI is composed of three divisions: Petroleum Division, OOAЕ, and Pipeline Systems Division.
- At the present we have a joint membership of over 2,000 primary members and a total membership by Technical Division interest of over 10,000.

Conferences/Events

- IPTI Petroleum Division:
- Offshore Technology Conference (OTC)
 - IPTI's Petroleum Division (PD) is a major sponsor of OTC, which is an annual conference that attracts over 50,000 attendees. IPTI-PD kicks off OTC with a Golf Tournament and University of Houston Crawfish Boil. Proceeds of both events are earmarked for student scholarships.
- Gas-Lift Workshops (both Internationally and in USA)
 - Attendance around 100
 - Alternates domestically and internationally every other year
 - Consists of papers and presentations
- Deepwater Workshop 2004 – Attacking Project Risk
 - Attendance around 100
 - Lisbon, Portugal March 30 – April 1, 2005
 - http://www.asme-ipti.org/meet_deep.php
- International Offshore Pipeline Conference
 - Held in partnership with Pipeline Systems Division (PSD)
 - Attendance expected at 150
 - Orlando, Florida - March 6 – 8, 2005
 - http://www.asme-ipti.org/meet_pipe.php
- IPTI Ocean, Offshore & Arctic Engineering Division:
- Annual International Conference on Offshore Mechanics and Arctic Engineering (OMAE)
 - OMAE 2005, June 12 – 17, 2005, Halkidiki, Greece
 - Conference is Made up of 7 symposia:
 - Offshore Technology
 - Safety & Reliability
 - Materials Technology
 - Pipeline Technology (Arctic, Offshore, Onshore)
 - Ocean Space Utilization
 - Ocean Engineering
 - Polar & Arctic Sciences and Technology
 - In addition to these symposia, workshops and special events are hosted within the OMAE
- IPTI Pipeline Systems Division:
 - International Pipeline Conference
 - Held every two years in Calgary, Canada each year
 - Also involved in the organization of the Rio Pipeline Conference in Rio de Janeiro
- International Offshore Pipeline Conference
 - Held in partnership with Petroleum Division (see above)

Publication Activities

- PD:
 - Newsletter (Energy Update):
Three annual newsletters that go out to over 8,000 members all over the world.
 - Journal of Energy Technology (JERT):
Edited at Louisiana State University by Andrew Wojtanowicz, JERT Editor, and published at ASME International Headquarters, New York, NY, this journal covers wide-ranging topic areas in the petroleum drilling, production, refining, processing, transportation, and equipment and vehicles for underwater sea usage industries.
- OOAЕ:
 - Journal of Offshore and Arctic Engineering
 - Annual OMAE Conference Proceedings
- PSD:
 - Pipeline Engineering Monograph Series (under development)
 - ASME/ASCE jointly-sponsored Pipeline Journal (under consideration)
 - Pipeline Systems Division Newsletter – twice annually
 - Proceedings of International Pipeline Conference

Training Activities

- IPTI is currently working with SPE to hold several short course/workshops each year and share in the organizing and financial aspect of each event. The planning of such events is still in the works.
- Continuing Education Units required for Texas PE renewal in 2005 – The IPTI has expanded office space to be able to host and offer such needed training courses in the Industry. The first course took place January 26, 2005. The next course is scheduled for April 13, 2005.

Student Involvement

- PD Collegiate Council
This Council was organized to promote and expand student membership and programs in order to better serve and more accurately meet the needs of our student members. Twelve members strong & representing ten universities, this Council meets twice a year.
- Scholarships
Currently, PD offers up to \$22,000 in scholarships each year. PSD is establishing a student scholarship program.
- Student Intern
Our internship position is for a current student interested in the Petroleum Industry. This intern is funded to go to all of our Executive Meetings, Conferences, and Events not to exceed a budgeted amount in which they are given numerous opportunities to network and see the inside of how an organization is run. In turn, the intern is the Liaison to our Collegiate Council and fulfills an objective during his/her term that is agreed on by the Executive Committee.
- PSD Student Paper Competition
This competition consists of one technical session for presentation of up to 5 papers authored by undergraduate and graduate students in engineering or a related science curriculum.

Roles in Globalization

- PD, OOAЕ and PSD
- Currently Programming in the following countries:
Portugal, South America, Trinidad, Greece, Canada
- Future programming in the following countries:
Mexico, Canada, Middle East, Italy, Spain, China, Russia, Portugal, Japan, India, Brazil, Argentina, Bolivia

Honors and Awards

- PD:
- ASME EXCEPTIONAL VOLUNTEER AWARD
 - WOELFEL BEST MECHANICAL ACHIEVEMENT AWARD
 - GEOCA MECHANICAL ENGINEERING ACHIEVEMENT AWARD
 - RHODES PETROLEUM INDUSTRY LEADERSHIP AWARD
 - SILVER PATENT AWARD
- PSD:
- Calgary Paper Award
 - Rio Paper Award
 - Global Pipeline Award
 - Student Paper Competition at IPC