SOCIETY OF PIPING ENGINEERS AND

SPED Update December 2009

VOLUME 2, ISSUE 12 DECEMBER 2009

UPCOMING EVENTS:

- **SPED Online Class Begins Dec. 21st**
- **AVEVA Open House Dec. 16th, 5-8 P.M. 10350 Richmond Ave, Suite 400, Houston, TX**
- **SPAR 2010 Feb. 8th-10th, Woodlands Waterway-Marriott Houston, TX**

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SPED Announces $500K HCCS/ H-GAC Training Grant and 100% Club Charter Members

At the 2009 Annual General Business Meeting, Dr. William Beazley, SPED's Executive Director announced a $500K training grant from the Houston-Galveston Area Council in partnership with Houston Community College. The grant will train and certify 75 unemployed Piping Designers in the Houston-Galveston area. SPED also announces three charter members of the new PPD 100% Club.

The new HCC/SPED training grant is based on concepts developed for the Texas Workforce Skills Development Fund (SDF) Accelerated Piper Program during 2007/2008. "It involves the same eight-module course and lab format ending in PPD Certification. This time we have added a special unit on Green Piping and more Assessment. The funding still comes through TWC but is administered by H-GAC. Up to 75 unemployed Pipers will be assessed and trained. If accepted into the grant training program, these Pipers will be routed into a customized training sequence ending in PPD Level I or Level III Exams and Certification. "The direction of training will depend on which sector is hiring," said Beazley.

In his annual Year in Review and Year Ahead, Dr. Beazley also announced the first three Members of the PPD 100% Club: Power Engineers, SNC-Lavalin and Dow Chemicals. "The Members of the 100% Club pledge to have all of their Piping Designers certified as Professional Piping Designers within one year", said Beazley. "Charter Members pledged between the final approval of the program in September and tonight's Meeting. Several others are awaiting a final management decision and cannot be announced tonight." All three Charter Members are long-time SPED Corporate Members and already have many PPD Certified Piping Designers on staff.

Beazley also reviewed the progress made last year in Member Benefits, Outreach, Training and SPED Certification. In the Member Benefits area, Individual Members were offered Hot Topics dinner meetings and a special Open House hosted by Piping Technology and Products, Inc., as well as the funding for Piper training. In addition, SPED Corporate Members received a variety of discounts and incentives to get their Piping Designers certified and now receive a monthly list of PPD Certified Pipers. A new class of members was developed in response to a Corporate Member inquiry. Academic Institutions (AI) also received new initiatives, such as product discounts and use of the PPD test bank for training. All four AI Members exhibited in the Corporate Member Showcase.

Beazley also discussed the new SPED UK operation, headed by Norman Harris, Managing Director. SPED UK is charged with outreach to all European countries. "Norman is planning local meetings and certification testing," said Beazley. "He is also supporting local Piper training initiatives and professional development." Mr. Harris' website is http://www.20cc.co.uk/

Continued on page 15

2009 SPED Annual General Business Meeting and Corporate Member Showcase

Attendance at this year's meeting more than doubled, making it the largest SPED event to date.

Attendees enjoyed the buffet provided by SPED at the Omni Houston Hotel at Westside, Houston, TX.

All four Academic Institution Members exhibited: Houston Community College, Lee College, Macomb Community College and Universidad de Zaragoza.

SPED's Corporate Member Showcase generated a lot of interest from Attendees. There were plenty of opportunities for Corporate Members to visit with Attendees about their products and services, and there were opportunities for Attendees to network, and gain knowledge for their careers.

2009 SPED Annual General Business Meeting and Corporate Member Showcase

SPED's Panel of Speakers included: Alan Cooper, Piping Technology and Products, Inc.; Izzy Perez, Amerapex; Debby Jones, Southwest Design Services; and Paul Spring; AVEVA.

Cindy Perales of Intergraph gives Bob Giroux a Seagate Free Agent 500 GB External Drive.

Joe Dixon; COADE gives Dennis Malinag a CADWorx Software License.

The Panel of Speakers engaged the Meeting attendees in a series of questions and answers.

Alan Cooper of Piping Technologies and Products gives Rolban Maduran a 10 Mega-pixel Nikon Coolpix.

Marvin Griffin from Houston Community College provides insight during the Q and A.

William Muldoon; AVEVA gives Robert Medina a 16GB Apple iPod nano.

Rol Dorren; PI Intergrated Systems gives Doreen Kwok a $100 American Express Giftcard.

Debby Jones, Owner of Southwest Design Services responds to a question from an attendee.

Over $5,000 in door prizes were given away at the meeting thanks to donations made by AVEVA, COADE, Information Assets, Inc., Intergraph, SPED, Piping Technology and Products, and PI Integrated Systems. Just a few of the prize winners are featured in pictures above.

The President's Letter

(Reprint from the 2009 Annual General Business Meeting Program)

"During these trying times, we are doing everything we can to enhance the employability of our individual Members and PPD certificate holders and the quality of project

Dear Member,

This year marked a number of advancements in SPED. First of all, we doubled the size and extended the distribution of the SPED Update, which now includes a monthly calendar of free training. The SPED Update is also posted on our newly organized SPED website at www.spedweb.com. Second, we brought SPED's two certification courses, PPD BootCamp and Process Plant Layout online. Third, we created two new courses, PPD Level I and Level III Reviews, both in live and online formats. Fourth, we rolled out the PPD 100% Club, where SPED Corporate Members pledge to have all their Piping Designers certified within a year. Fifth, we introduced discounts and other incentives for SPED Corporate Members to get their Pipers certified. Sixth, SPED has continued the Hot Topics and Open House opportunities, with generous sponsorship of certain Corporate Members. Seventh, SPED regularly exhibits in venues frequented by Pipers, employers and clients. Finally, SPED has sought funding for training both employed and unemployed pipers from state and local government authorities.

These things have been done by the SPED Board of Directors to maximize the Professionalism of Piping Engineers and Designers and the value of PPD Certification among EPC firms and their clients. The Board has always felt the Members' give us their dues and support for us to use on their behalf. During these trying times, we are doing everything we can to enhance the employability of our individual Members and PPD certificate holders and the quality of project staff for our Corporate Members.

I would like to recognize the contribution of the SPED Board of Directors, who have worked tirelessly on these programs, and their companies who have supported these efforts. The Board has carefully shepherded SPED's resources into the successful organization it is today.

In response to the slowdown in the Piping Industry, SPED has adjusted as well. Our staff of Andrea Macejak, Amy Voss-Foster and Sarah Evans are meeting the challenges of the growth of Member Services, and Piping Professional Development, in addition to the editing and publication of the **SPED Update** newsletter. We thank them for their hard work and their continuing dedication to the needs of the SPED Membership.

There is much more to do and we need your help. First, renew your SPED Membership and recommend us to your friends. Second, gain and maintain your PPD Certification. Third, actively participate in SPED events and functions. Fourth, pass along the SPED Update to your friends who might share your professional outlook. Remember, every day, the SPED Board, SPED Staff and Officers wake up thinking about how to make your career better.

Again, thank you for contributions throughout the year and we look forward to your future participation.

Jack Belden, President

Canadians! Looking for the PPD Level I or PPD III Exam?

Interested in taking our online PPD Level I or Level III Review and taking the exam? We are working on putting together a group to test at one of our Corporate Member's facilities. If you are interested, please contact Andrea Macejak at spedexec@spedweb.com for information.

Certified Pipers

Vijey A/L Subhramaniyun
Mohd Nazim Ab Razak
Fadhlan Syahrel Abdul Rahman
Adibah Azliyana Abdullah
Mohd Khairul Sabirin Abdullah
Salihien Abdullah
Nor Azah Abdullah Aziz
Shahrizan Effendy Rusli Affandi
Brian Ahrens
Valencia Allan
Derek Anderson
Ana Barroso Anton
Roy Anzell
Fernando Armisen
Simon Atkinson
Vimal Badami
Brent Baker
Sal Barajas
Ron Barnes
Laura Perez Barrigon
Robert Beazley
David Beck
Ahmad Faizoulanuar bin ab Patah
Mohd Hafiz bin Abdul Hamid
Ezadin bin Abdul Rahim
Ahmad Azri bin Abdul Rahman
Mohamed Azwa bin Hasshim
Mohd Khairul bin Kamaruddin
Mohamad Syahmizan bin Mahli
Mohd Adzwan Bin Md Nor
Mohd Nuh bin Miskan
Noor Faiz bin Mohamad Arifin
Syauqi Bin Mohd Hashim
Mohd Aliff Bin Mohd Nor
Mohd Aizat Bin Mohd Nordin
Mohammad Badrol bin Musa
Ameirul Azraie Bin Mustadza
Muhammad Heikal Bin Nasrir
Aizil Haikal bin Omar
Adam Halim bin Ramli
Haszamail Ridzeli bin Ridzwan
Mohd Shahir bin Saad
Saiful bin Salim
Khairuzziyad bin Samsuddin
Nor Azwan bin Sarbani
Ibrahim bin Sheik Hussein
Mohd Shairazi bin Sulaiman
Wan Muzaffar bin Wan Muhammad
Muhammad Rafiq bin Zulkiffli
Tina Halida Binti Lahuri
Siti Nur Nadzmiah Binti Mohd Nor
Nurul Hidayah Binti Mohd Zainun @ Zainan
Nurul Hafizah Binti Nadri
Shazalina Binti Shamsudin
Lynn Bishop
David Blades
Patricia Blessing
Brooks Broderick
David Brooks
Cathy Brown
Tim Brown
Mohd Hafiz Burhanuddin
Ron Burrow
Vanessa Cabello
Víctor Pérez Cabrera
Bob Campbell
Randy Carey
Abadilla Carlene
Daniel Hernandez Casorran
Amanda Chen
Jack Cheng
Jeff Chesney
Jonas Chilcote
Daniel Cleveland
Thierry Courtes De Carvalho
Yongto Dan
Gerald Davidson, Jr.
Rolando De Yang
Tyson Dietz
Anton Dooley
William Dornfeld
Gus Drake
Jacob DuCarme
Mark Ducote
Alan Dupuis
Michael Dyrgas
Steven Eads
John Edwards
Aragaw Eleni
Walter Estefan
David Fan
Jason Fang
German A. Ferreira
P. Neal Fink
Thomas Fink
Matthew Fishman
Robert Fleeger
Martin Fournier
David Fugate
Carl Fulkerson
Jose David Castaño Gallardo
Luiz Garcia
Stephen Garcia
Francisco José Pérez García
Joel Garza
Raymond Garza
Susan Garza
John L. Gay
Don Gilley
Angela Gomez
Linda Gonzalez
Justin Goushaw
Dwight Graham
Kenneth Gross
Anthony Hamilton
Sathya Hariraj
Norman Harris
Mohd Akram Hazim
Amei He
Jenny He
James Henkel
Martha Herandez
Brian Hester
Gerardo Reinoso Hidalgo
Laslo Hizsa
Patrick Ho
Chooi Jia Hoong
Jerry Houser
Brian Hritsco
Parrish Husband
Stephen Husler
Carlos Bordonaba Iglesias
Mohd Faizal Ismail
Warren Jaeger
Mohamad Razlan Jaludin
Xin Jiang
Fernanado Jimenez Muro
Ahmad Kadafi
Sajee Kadambathil
Keith Kamanski
Alwyn Kaye
Richard Keller
Bradley G Kempton
Richard King
Richard Kinney
Owen Kolt
Chee Yu Kong
Gary Kosnik
Robert Kozubiak
Meewah (Doreen) Kwok
Ronald Lapiska
Jerrold Lapinski
John LaPointe, Jr.
Gerald Legg
Mario Correyero Leon
Man (Mary) Li
Shaodan Li
Daniel Llinas
Jesús Longarés
Christopher Love
William Loxterman
Antonio J. Oviedo Lozano
John Lucas
Steve Luker
Kedrick Lyons
Jose Antonio Rojas Macias
Dennis Malinag
Divannath Manivasagam
Gonzalo Manjavacas
Javier Martin
Paloma Venero Martin
Rodrigo Martin Gili
Mike Martinez
Ron Martynow
David Marx
Donald Marx
Stephen Mazek
Carrie McCall
Dee McDorman
Zane Melton
Ronald Miller
Terry Mitchell
Abdul Khodir Al-Jailani Mohamad
Rawani Mohamed Razali
Noor Zulfadhley Mohd Noor
Muslim Mohd Rashid
Greg Moore
Isaac Joques Morris Abah
Dan Mrkacek
Carlos Roman Muga
David Serna Muños
Munir Mustafa
Mohamad Najib bin Sadan
Mohd Yaakob Ngah
Son Nguyen
Kevin A. Noakes
Steve Nolton
Mohd Fadzil Nordin
Felix Nuncio
Yoh Sun Ny
Nick Nygaard
Ramon Olvera
Carol Orgar
James Ortiz
Peter Ottoson
Antonio Jesus Oviedo Lazano
Rafael Palmero Palos
David Parets
Byungshik Park
Kyle Patterson
Mike Peacock
Irene Matilla Perez
John D. Perez
Pang Ken Pin
Kenneth Potts
Joe Povilaitis
Kristopher Pye
Ariel Radai
Nor Hazreeq Radzuankaidi
Fadhlan Syahrel Abdul Rahman
Prasad Raju
Murthy Ramarao
Nathan Rao
Vince Rasmussen
Marta Antolín Rebolledo
Peter Reicher
Homer Reyes
Susan Rhodes
Gamino Richard
Pilar Diaz Rios
Farida Hani Rodhi @ Mohd Rodzi
Alex Rodriguez
Francisca Salort
Alejandro Marín Sanchón
Goyedarica Sanja
Kathy Schanz
Danusha Shanon
John Sharp
Byung Shik Park
Nik Juzaili Shuhaimi
Kevin Skotzke
Casey Smith
Curtis Smith
Joseph T. Smith, Jr.
Sophanny Sok
Cristina Beltran Sorolla
Corina C. Soto
Russ Spaven
Robert Speck
Roy Spradley
Carylyn Sroka
Larry St. Aubin
Meng Su
Ahmad Farisan Sulong
Guifang Sun
Jesse Sustaita
Kevin Swee
Ivan Swindull
Paul Szerlag
Kevin Ta
Gino Tadolini
Ryan Victor Tag-at
Daniel Teh
Jerry Tester
Co Thai
David Thomas
Ashley Thompson
Tiffany Thompson
Alex Thrush
Scott Tiller
David Toth
Eric Tran
Risto Trpceski
Jose Carlos Espinazo Utrera
H. Manolo Valle
Robert Vang
Clement Hor Voon Peng
Kenneth Ware
James Weeks
Al West
Chris Westmoreland
Steve Wilhelm
Gary Wilson
Phillip Wojcik
Albert Worth
Chenhua Wu
Fong See Yan
Ainul Nazian Zainin
Po Zhang
Mohd Hafiz Zolkhiflee

Lee College Recognizes SPED Contribution to Piping Program

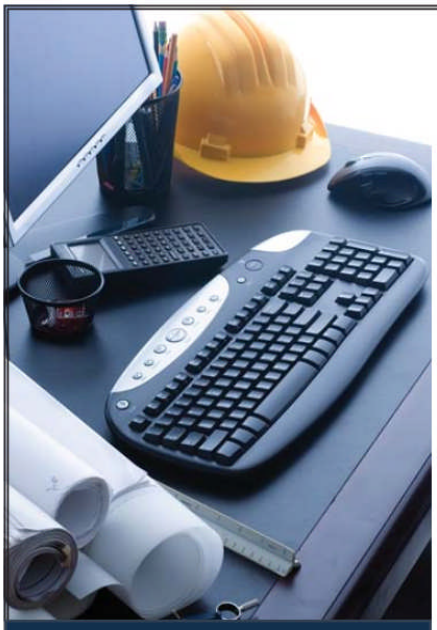
Griffith noted that the inspiration for their Program changes was the SPED Professional Piping Designer Certification Program.

Lee College, Baytown, Texas presented an award to SPED for their contributions to their Piping Design Program. Lee College redesigned their Piping CADD Program to emphasize design rather that drafting.

The award was presented to William G. Beazley, SPED Executive Director at CADD and Engineering Technology Advisory Committee Dinner Program on November 12, 2009. In presenting the award, Dede Griffith, thanked SPED for, "the many contributions to their program, including providing help with, and advice on content and direction."

Griffith noted that the inspiration for their Program changes was the SPED Professional Piping Designer Certification program. She told the gathering, "We learned about the PPD Certification Program at a SPED Educational Consortium Meeting and understood how we could change our Program to better meet the needs of the Piping Industry. Dr. Beazley and Andrea Macejak gave us a lot of help and input."

Lee College Instructor, DeDe Griffith presents the award to Dr.William Beazley, Executive Director, SPED.



New project?
Staffing issues?

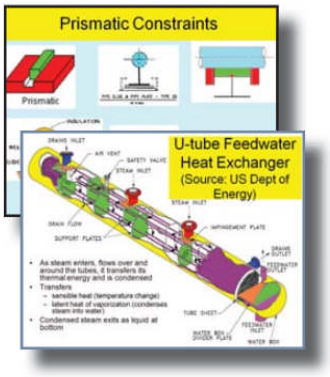
THE SPED PIPER VIDEO SERIES IS YOUR ANSWER.

"It's the Piper's resource for Information and Just-in-Time Training."

PIPER BOOTCAMP covers equipment and fittings necessary for routing pipeline from nozzle to rack to nozzle.

PROCESS PLANT LAYOUT covers knowledge and skills required for plant equipment and layout. Targets pipers already familiar with in-line pipe routing.

Version I contains original video recordings of live presentations by industry leaders.
Version II contains newly recorded videos with additional topics, and extended notes.



Designed for the new Piper and as a useful resource for experienced Pipers, the SPED Piper Video Series is considered the Industry Standard for piping training.

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For more information, call 832.286.3404 or email videos@spedweb.com

Take the Pledge!

100% CLUB
SPED Professional Piping Designers

Join the SPED PPD 100% Club

SPED PPD 100% Club members pledge that 100% of their Piping Designers will become certified as Professional Piping Designers (PPD). Documenting staff credentials are simple:

- 100% of current Piping Designers get PPD Certified within one year of joining the program.
- New hires become PPD Certified within one year of employment.

Once you sign up and become a member of the PPD 100% Club, you can display the Club logo.

The PPD 100% is exclusively for SPED Corporate Members. SPED supports PPD 100% Club Members by providing the following:

- A copy of the PPD Review Video to help Piping Designers prepare for PPD exams.
- On-Call testing at the SPED office. (Fees apply.)
- Onsite testing review with 20 or more participants. (Fees apply.)
- Assistance to members in applying for State Funds to defray training and testing costs.

The PPD 100% Club Benefits EPC Employers, Clients and Piping Designers!

Contact us for more information.

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COADE Giving Away Free CADWorx Software with New Licenses and License Renewals

HOUSTON, TEXAS – August 27, 2009 – COADE announced today a CADWorx software giveaway beginning today and continuing through December 31, 2009, where customers who renew or purchase licenses for CADWorx Plant Professional and CADWorx P&ID Professional will receive free licenses for selected other CADWorx products. This special COADE offer is in response to the economic challenges facing its customers and others in the global marketplace as a means of helping them obtain critical software they need to do their jobs as well as to keep their software up-to-date.

"...This special COADE offer is in response to the economic challenges facing its customers"

Under this offer, those who renew maintenance or purchase CADWorx Plant Professional will receive a free copy of COADE CADWorx P&ID, a $1,600 value. Those who renew maintenance or purchase CADWorx P&ID Professional will receive a free copy of COADE CADWorx Datasheets, a $1,500 value.

COADE CADWorx P&ID has everything needed for the fast, intuitive and easy creation of process diagrams, providing standardization and higher quality output plus a user-modifiable symbol library.

COADE CADWorx Datasheets, which includes both instrument and equipment modules, is a customizable utility for the generation of intelligent instrument and equipment datasheets. It can be used standalone or in conjunction with external databases, such as those linked to CADWorx P&ID Professional projects to provide bi-directional links to instrumentation and equipment tables.

More details on this offer are available by contacting sales@coade.com

More information is also available at http://www.coade.com/Offers/CADWorx-Free-Software-2009-09.shtml.

About COADE

COADE, Inc. is a provider of software for multiple plant design and engineering disciplines. COADE's aims are that design and engineering should share relevant information seamlessly, thereby maintaining accuracy and improving efficiency. COADE's product line conforms to those goals and includes: CAESAR II, the world's most widely used pipe stress analysis software; PV Elite for pressure vessel and heat exchanger design and analysis; CADWorx Plant Design Suite for intelligent plant design modeling, process schematics and automatic production of plant design deliverables; and TANK for the design and analysis of oil storage tanks. COADE, CAESAR II, CADWorx, PV Elite, CodeCalc and TANK are registered trademarks or trademarks of COADE, Inc. For more information, visit www.coade.com.

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Tel: 281.890.4566, Fax: 281.890.3301, Email: query@coade.com, Web: http://www.coade.com

Long-Time SPED Member Selected for "Winter Solstice, an Exhibit of Original Art"

John L. Gay has been an active member of SPED for many years. When John is not working as a Professional Piping Designer, he is working as an artist. His medium is wood, and he is so good at it, that FLUOR asked him to help them participate in a contest last summer.

The challenge was to design and build the best and most creative dog house possible. And John did. He created a Spanish Galleon-style dog house that won top awards in multiple categories.

Two of John's works have been selected for the "Artists Alive & Well presents Winter Solstice, an Exhibit of Original Art" at the Heritage Hall Art Gallery in the JP Morgan Bank Building located at 601 Travis Street, Houston, Texas 77002. The Exhibit continues through January 8, 2010. This Exhibit is open to the public.

More photos of this piece, and John's other artworks can be seen at www.JohnLGay.com.

John L. Gay and the winning, Spanish Galleon Dog House he built for FLUOR.

NEW! SPED Online Courses

Society of Piping Engineers and Designers is now offering the following online courses:

- **PPD Piper BootCamp**
  Ends in Level I Exam: Testing and Textbook Included
- **Process Plant Layout and Piping Design**
  Ends in Level III Exam: Testing and Textbook Included

SESSION VIII 2009
December 21st - February 28th
Register early and get $100 off
Offer ends December 11, 2009

SESSION I 2010
January 18th - March 28th
Register early and get $100 off
Offer ends January 8, 2009

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Register online at www.spedweb.com
Email spedadmin@spedweb.com or Call 832.286.3404

AVEVA
CONTINUAL PROGRESSION

Holiday cheer. Great conversation. Cool demos.

Join your industry peers at AVEVA's open house on Wednesday, December 16, and enjoy an evening of food, drinks, networking and holiday cheer! Plus you will have the opportunity to meet AVEVA's new Executive Vice President of North America, Bill Muldoon.

If you like sharing ideas and participating in thought-provoking industry conversations, then AVEVA's open house is the place to be. You'll also experience product demonstrations of AVEVA's PDMS 12, AVEVA Instrumentation and AVEVA NET, the leading plant lifecycle information management solution.

Don't miss this great evening of holiday cheer and more! Please bring along your colleagues too.

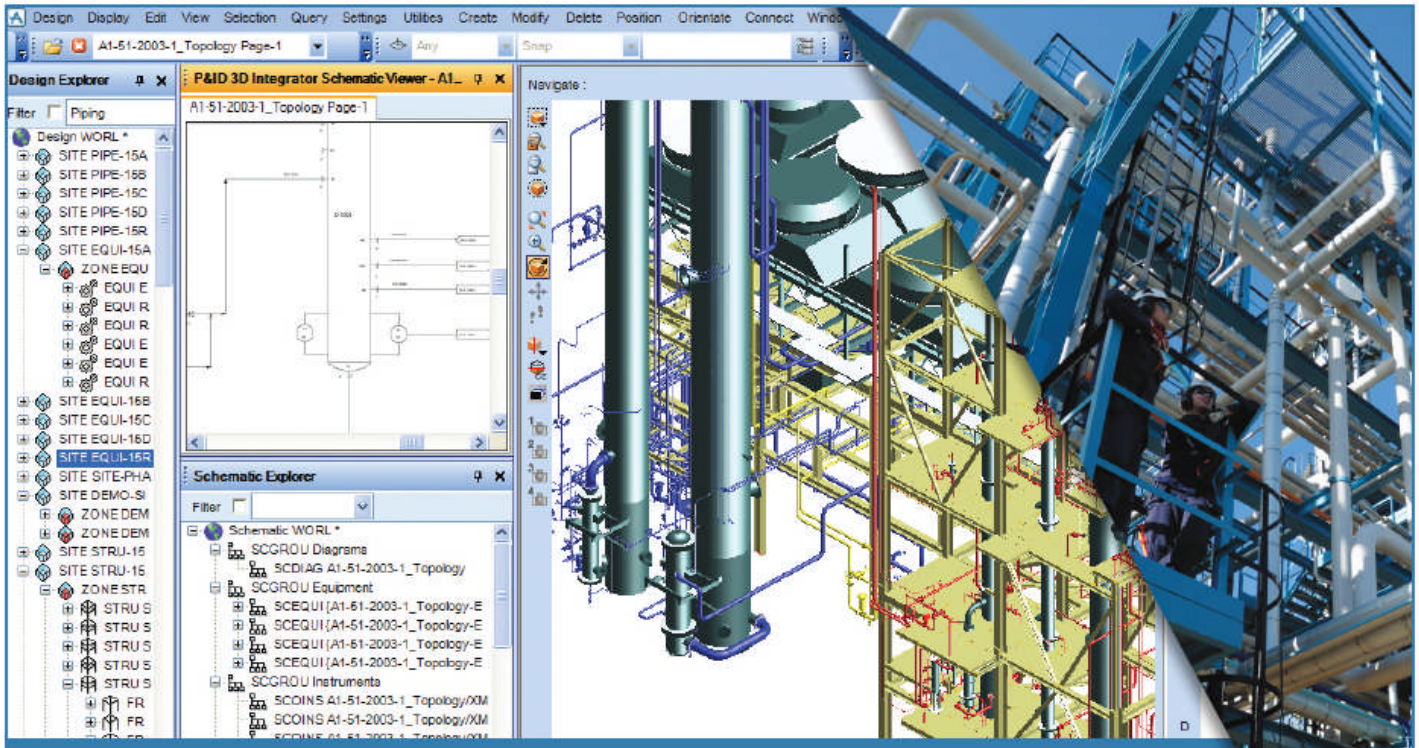
DATE: Wednesday, December 16
TIME: 5:00 p.m. to 8:00 p.m.
LOCATION: 10350 Richmond Ave., Suite 400, Houston, TX 77042
DETAILS: Food and drinks will be served

RSVP now

Always have a designated driver when consuming alcohol.

Don't forget to renew your Membership before the end of 2009

It's Tax Deductible!



AVEVA Plant

Integrated plant engineering and design technology

AVEVA PLANT

Engineering IT has come of age.

The days of inconsistent, disconnected 2D drawings, incompatible CAD formats and 'over the wall' project handover are being consigned to the history books.

Today, a powerful, integrated and collaborative IT environment supports every stage of project execution – AVEVA.

Whether on complex new-build projects or in-service revamps, the smallest inefficiencies or delays cost real money.

AVEVA Plant enables maximum productivity at every stage, reducing costs and timescales, eliminating the causes of errors, waste and rework, and removing limitations on project scale and global collaboration.

And it's the no-risk solution, proven on tens on thousands of projects by many of the world's most successful engineering businesses.

Find out how AVEVA Plant can make your business more competitive

Visit **www.aveva.com** to learn about the AVEVA Plant solutions, or **www.aveva.com/events** for opportunities to see them in action.

AVEVA
CONTINUAL PROGRESSION

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Industry Snapshots

Source: http://www.contractorsunlimited.co.uk/news-int1.shtml

Saipem Wins Two New Offshore Contracts in South East Asia
December 9, 2009 Saipem awarded two offshore contracts in Papua New Guinea and Vietnam for total value of approximately US$ 450 million. In Papua New Guinea, Saipem awarded by Esso Highlands Limited, an ExxonMobil company, the contract for the PNG LNG Offshore Pipeline Project EPC2.

KBR's Phenol Technology Selected by Saudi Aramco and Sumitomo for Rabigh II Project Feasibility Study
December 8, 2009 KBR awarded contract by the Saudi Arabian Oil Company (Saudi Aramco) and Sumitomo Chemical Co., Ltd. to provide basic engineering and related services for its phenol technology in support of a detailed feasibility study for development of the companies' joint Rabigh II Project.

Technip Awarded Contract for the Åsgard Gas Transfer Project in Norway
December 8, 2009 Technip awarded by Statoil an engineering, procurement, construction and installation lump sum contract for the Åsgard Gas Transfer Project. Contract covers fabrication and installation of an approximately 4 kilometer-long rigid flowline in 2010 and the replacement of two flexible risers in 2011. Contract will be executed by the Group's operating center in Oslo, Norway.

ExxonMobil Announces Approval on PNG LNG Project
December 7, 2009 Exxon Mobil Corporation announced today that the co-venturers agreed to proceed with development of the Papua New Guinea liquefied natural gas (LNG) project, pending completion of sales and purchase agreements with LNG buyers and finalization of financing arrangements with lenders.

Clough AMEC Awarded Maintenance Services Contract for Woodside
December 7, 2009 Clough AMEC, a 50/50 joint venture between Clough and international engineering and project management company AMEC, awarded new contract by Woodside Energy to provide offshore maintenance services for their Australian oil and gas assets, predominantly located on the North West Shelf off Western Australia.

Chevron and Tokyo Electric Sign Heads of Agreement for Wheatstone LNG
December 5, 2009 Chevron Australia signs Heads of Agreement with the Tokyo Electric Power Company to deliver 4.1 million tons per annum (MTPA) of liquefied natural gas for up to 20 years from the Wheatstone Project in northwestern Australia.

Sasol Signs Memorandum of Understanding with the Indonesian Government
December 4, 2009 Sasol, with the Government of the Republic of Indonesia, today signed a Memorandum of Understanding which facilitates the commencement of a screening study into the viability of an integrated Coal-to-Liquids (CTL) project in the Republic of Indonesia, using Sasol's proprietary technology.

Eni and Gazprom Sign Agreement for Entry of France's EdF Into the South Stream Project
December 3, 2009 Gazprom Chairman Alexey Miller and Eni CEO Paolo Scaroni signed today, in the presence of the President of the Russian Federation Dimitrij Medvedev and Italy's Prime Minister Silvio Berlusconi, the agreement allowing the entry of France's EdF in the South Stream project.

ABB Wins $73 Million Power Order in Switzerland
December 2, 2009 ABB wins orders worth $73 million from Kernkraftwerk Leibstadt to refurbish and upgrade the non safety related operational control and automation system at their 1,220 megawatt Leibstadt nuclear power plant in Switzerland.

GE Oil & Gas and Rockson Engineering Awarded Contract for Nigeria Power Plant
December 1, 2009 GE Oil & Gas in consortium with Rockson Engineering Nigeria awarded $230 Million contract by the Federal Government of Nigeria for installation and commissioning of a dual fired (low pour fuel oil/gas) 150-200MW power plant in Kaduna, Nigeria.

Contractors:

ABB

Aker Solutions

AMEC

BP

CB& I

Conoco Phillips

ENI

Foster Wheeler

GE Oil & Gas

Jacobs

KBR

Technip

Rockson

Saipem

Sasol

Worley Parsons

ABB Wins $26 Million Order to Power Refinery in Greece

December 1, 2009 ABB wins order worth $26 million from Hellenic Petroleum SA to provide an integrated power and automation system for the upgrade of Hellenic Petroleum's Elefsina refinery, west of Athens. The environmentally friendly refinery will manufacture products in accordance with best in class technology and global standards to minimize environmental impact.

Gazprom Marketing & Trading USA and Statoil Commence Series of Transactions

December 1, 2009 Gazprom Marketing & Trading USA and Statoil today announced the signature of a non-binding Memorandum of Understanding for the finalization of a series of separate, mutually beneficial agreements between the two companies including regasification capacity at the Cove Point, Maryland receiving terminal for liquefied natural gas, gas sales in the USA and LNG imports to the USA.

BP Captures Coal Bed Methane Resource in Indonesia

November 30, 2009 BP consortium led by its joint venture VICO - owned jointly by BP and ENI - signs production sharing contract with the Government of Indonesia for exploration and development of coalbed methane resources on the Sanga-Sanga block in East Kalimantan, Indonesia.

Gazprom and EDF Sign Memorandum Detailing Joint Participation in South Stream Project

November 27, 2009 Today in Paris and in the presence of Prime Minister of Russia Vladimir Putin and Prime Minister of France François Fillon Gazprom Management Committee Chairman Alexey Miller and EDF CEO Henri Proglio signed a Memorandum of Understanding on the possibility of EDF participating in the construction of the offshore section of the South Stream pipeline.

Abengoa Solar and E.ON Climate & Renewables Team Up to Build two 50MW Concentrating Solar Power Plants in Spain

November 25, 2009 Abengoa Solar and E.ON Climate & Renewables today formed a partnership that will see them jointly own and operate two 50MW Concentrating Solar Power plants. The plants which are already under construction are located in Ecija (Seville), Southern Spain, one of the best areas in Europe in terms of solar radiation.

Saipem Wins New Offshore Contract for Conversion and Operation of a FPSO Vessel

November 25, 2009 Saipem awarded contract for the supply and operation of a FPSO vessel (Floating Production Storage and Offloading) worth approximately 1 billion euro. The contract, awarded by Eni, encompasses the conversion of a wholly owned oil tanker into a FPSO vessel, for which Saipem will provide the installation and the operation management.

GE Oil & Gas Powers World's First Offshore Gravity-Based LNG Terminal

November 24, 2009 GE Oil & Gas technology is powering the world's first gravity-based offshore LNG terminal located 17 kilometers offshore from the town of Rovigo, near Venice, on Italy's north east coast. The terminal, moored in waters 30-meter deep, is the world's first use of an artificial island Gravity Based Structure for offshore LNG.

Jacobs Receives Contract for New Thermal Oil Facility

November 24, 2009 Jacobs Engineering Group announced today it received a contract from a major oil and gas company for engineering of its thermal facility located near Lac la Biche, Alberta, Canada. Engineering activities will begin in December 2009 with 40 percent or more of the engineering executed from Jacobs' Mumbai, India, office.

Cord WorleyParsons Awarded Construction Services Contract for Suncor Energy Services

November 23, 2009 Suncor Energy awards C$74.4 million lump sum contract for construction services to Cord WorleyParsons Ltd, the construction division of WorleyParsons Canada Ltd. Scope of work is for Firebag 3 well pads and gathering lines associated with this steam assisted gravity drainage facility near Fort McMurray, Alberta.

Aker Solutions to Supply Subsea Boosting Systems to Petrobras

Aker Solutions has signed a contract with Petrobras to supply eight subsea boosting systems (Mobo) and one ESDV (emergency valve) for the Jubarte field, located in the north of Campos Basin offshore Brazil. Equipment will be manufactured in Curitiba, Aker Solutions' headquarters in Brazil. Contract party in Aker Solutions do Brasil ltda.

Technip Awarded Gas Facilities Contract in Abu Dhabi

November 11, 2009 Technip awarded lump sum turnkey engineering, procurement and construction contract by Abu Dhabi Gas Industries Ltd (GASCO) for ASAB 3 Project. Project will be executed by Technip's operating centre in Abu Dhabi, United Arab Emirates.

Industry Snapshots continued

Contractors:

ABB

Aker Solutions

AMEC

BP

CB& I

Conoco Phillips

ENI

Foster Wheeler

GE Oil & Gas

Jacobs

KBR

Technip

Rockson

Saipem

Sasol

Worley Parsons

Source: http://www.contractorsunlimited.co.uk/news-int1.shtml

AMEC Appointed Project Management Contractor for Multi-billion Dollar Energy and Chemical Complex in China

November 19, 2009 AMEC appointed by Shaanxi Yanchang Petroleum Group Yulin Energy & Chemicals Company as its Project Management Contractor for the development of the US$3.3 billion Jinbian Integrated Energy and Chemical project in Shaanxi Province in north-western China.

ConocoPhillips Delays Wilhelmshaven Upgrade Project

November 17, 2009 ConocoPhillips delays planned upgrade of its 260,000 barrel-per-day Wilhelmshaven refinery in Germany. This action is consistent with the recent announcement that the company's capital budget for 2010 will be reduced from current levels to improve financial flexibility and better balance expenditures and resources.

Foster Wheeler Awarded Contract By Kedrion Group In Hungary

November 17, 2009 Foster Wheeler AG's Global Engineering and Construction Group awarded by Kedrion Group and its Hungarian-controlled Human Bioplazma LLC. a contract for engineering, procurement, construction management and commissioning/qualification supervision for the upgrading and expansion of a bulk plasma fractionation manufacturing facility at Gödöllö, Hungary.

CB&I Awarded REFICAR Refinery Project in Colombia

November 17, 2009 CB&I awarded project valued in excess of US$1.4 billion by Refinería de Cartagena S.A. (REFICAR) for engineering, procurement services and construction of a new refinery, with processing capacity of 165,000 barrels per day, adjacent to REFICAR's refinery in Cartagena, Colombia. CB&I's scope also includes revamping the existing 80,000 barrel per day refinery.

Foster Wheeler Joint Venture with WorleyParsons Awarded Feed Contract for Pluto LNG Expansion

November 16, 2009 Foster Wheeler AG's joint venture of its Global Engineering and Construction Group, with partner WorleyParsons Services Pty Ltd., awarded front-end engineering design (FEED) contract by Woodside for Train 2 and Train 3 of the Pluto liquefied natural gas (LNG) Project in Australia. The contract also includes an option for early EPCm services.

AMEC Awarded US$93 Million Energy Efficiency Project

November 16, 2009 AMEC awarded US$93 million contract by Packaging Corporation of America (PCA) for energy efficiency upgrades at its linerboard mill in Valdosta, Georgia that will reduce energy consumption and electricity costs. During the specialised construction phase of the project, approximately 400 workers will be hired and more than 300 jobs at the mill will be preserved.

Downstream News Today.Com

Repsol, Galp Join Onboard NGL Venture

December 08, 2009, Repsol and Galp Energia have joined the joint venture, formed initially by Petrobras and BG Group, to develop a FEEDs (Front Engineering and Design) aiming to build an onboard natural gas liquefaction unit (ONGU).

Volvo Plans To Manufacture Vehicle Fuel from Landfill Gas

December 08, 2009, Volvo Technology Transfer's subsidiary Terracastus Technologies has signed a Letter of Intent with Nordvastra Skanes Renhallningsbolag (NSR) to establish a joint company for upgrading biogas to a liquefied biogas (LBG).

Feds Award $600M for Biorefinery Projects

December 07, 2009, The Biotechnology Industry Organization (BIO) on Friday applauded the announcement of over $600 million in grants and loan guarantees to help build 19 new biorefinery projects to produce advanced biofuels and biobased chemicals.

SPED Announces $500K HCCS/H-GAC Training Grant and 100% Club Charter Members

(continued from page 1)

"SPED spent last year reaching out to the Piping Community through the SPED Update and its redesigned website," said Beazley. "We have also exhibited at shows and user group meetings such as DIGITAL PLANT 2010 (DARATECHPLANT 2009), SPAR 2009 and Coade User Group 2009. The SPED Update has an estimated 6,000-7,000 in circulation," The redesigned SPED website www.spedweb.com,
contains more information and its RSS news feed can be read within Member browsers and on cell phones.

Beazley also explained that two new "courses" are now available which are reviews for PPD Level I and Level III. These new courses, along with the PPD BootCamp and the Process Plant Layout courses are also available online.

The SPED PPD Certification Program has 368 pipers with active PPD Certificates. This is up from 264 Last Year. PPD Certified Pipers are in such countries as the United States, Canada, Asia - Malaysia, Europe – Spain, Ireland, South Africa, and others. SPED now has international SPED Certified Testing Sites in Spain and the UK.
Beazley ended his report with his traditional question, "What Can We Do For *YOU*?"

SPED Calendar of Events, December 2009-March 2010

Dates & Time	Day(s)	Location	Cost	Membership
PDS I **Spring 2010 TBA**		TBA	$1195	SPED Members Only
AVEVA Open House Event **December 16, 2009, 5-8 pm** **http://www.aveva.com/products_services_events.php?id=228**	W	AVEVA Houston, TX	FREE	RSVP AVEVA Website
PPD Piper BootCamp Online **Starting December 21st—February 28th** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By December 11th
PPD Process Plant Layout Online **Starting December 21st—February 28th** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By December 11th
PPD Piper BootCamp Online **Starting January 18th—March 28th** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By January 8th
PPD Process Plant Layout Online **Starting January 18th—March28th** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By January 8th
SPAR 2010 **February 8-10, 2010** **http://www.sparllc.com/spar2010.php**	M-W	Woodlands Waterway Marriott Hotel Houston, TX	TBA	Registration via SPAR POINT Website
DIGITAL PLANT 2010 (daratechPLANT) **March 1-3, 2010** **http://www.daratechplant.com/**	M-W	Hilton Americas Houston, TX	TBA	Registration via Digital Plant Website
CERAWeek 2010 **March 8-10, 2010** **http://www2.cera.com/ceraweek2010/**	M-W	Hilton Americas Houston, TX	Website For details	Registration via CERAWeek 2010 Website—Early Registration Options
FIATECH Technology Conference and Showcase **March 29-31 2010** **http://fiatech.org/2010.html**	M-W	Austin, TX	TBA	Registration via FIATECH Website
ECC 2010 - 42 Annual ECC Conference **September 1-4, 2010** **http://www.ecc-conference.org/**	W-S	Ritz Carlton, Orlando Great Lakes Orlando, FL	TBA	Registration via ECC Website
COADE User Conference 2010 **September 20-22, 2010** **http://www.coadeuserconference.com/2010/**	M-W	Woodlands Waterway Marriott Hotel Houston, TX	TBA	Registration via COADE Website

SPED Training Calendar, December 2009-January 2010

Dates & Time	Day(s)	Location	Cost	Membership
FIATECH Tech Tuesday Webinar Series Tuesdays, Weekly 11:00 ET http://fiatech.org/tech-connections/techtuesday.html	T	Online	FREE	Register at info@fiatech.org
PDS I Spring 2010 TBA		TBA	$1195	SPED Members Only
AVEVA Webinar: AVEVA Instrumentation 12.0 December 9, 11:30 CDT http://www.aveva.com/products_services_events.php	W	Online	FREE	Registration Required via AVEVA PPD Certification PDU Acceptance
Piping Technologies & Products: Field Service: Installation and Maintenance December 17th, 10am & 2pm CST www.pipingtech.com	TH	Online	FREE	Registration Required via PT&P PPD Certification PDU Acceptance
ECE Webinar: Project Documentation Management: Linking Documents to a CADWorx P&ID or Asset Tag December 17th, 11:30 CST http://www.ecedesign.com/Webinars	TH	Online	FREE	Registration Required via ECE PPD Certification PDU Acceptance
PPD Piper BootCamp Online Starting December 21st—February 28th Early Registration Discount		Online	$1500 $1400	SPED Members Only Registration By December 11th
PPD Process Plant Layout Online Starting December 21st—February 28th Early Registration Discount		Online	$1500 $1400	SPED Members Only Registration By December 11th
ECE Webinar: Weld Mapping and Inspection-How to Leverage CADWorx… January 7th, 11:30 CST http://www.ecedesign.com/Webinars	TH	Online	FREE	Registration Required via ECE PPD Certification PDU Acceptance
PPD Piper BootCamp Online Starting January 18th—March 28th Early Registration Discount		Online	$1500 $1400	SPED Members Only Registration By January 8th
PPD Process Plant Layout Online Starting January 18th—March28th Early Registration Discount		Online	$1500 $1400	SPED Members Only Registration By January 8th

Did you miss a Free Webinar? Don't worry. Most vendors have the webinars listed in an online library for viewing. Go to the webinar hosting site and search in their online line library for a chance to see what you missed and SPED will give you PDU credit.

Vendors with online webinar libraries are: AVEVA, COADE, and PT&P. What a valuable resource!!!