President’s Message
By Daniel Llaguno, Nutec Bickley

First, to the members who participated at IHEA’s 87th Annual Meeting in Colorado Springs, I think most of you (if not all) would agree that it was a success and one of our best Annual Meetings ever. The feedback we got from the evaluations confirms that. Not only did the Broadmoor live up to its reputation, but we also had very nice weather, great work accomplished at the committee sessions, and great speakers to learn from. I hope you all enjoyed it as much as I did!

As I mentioned during the Annual Meeting, over the past several years IHEA’s Board has been working hard to define the initiatives that should be put in place to adapt to the changes we see happening in our industry, and to enhance the value to our membership and the industrial heating industry in general, so as to ensure a bright future for IHEA. It is now time to make sure we make those initiatives a reality and a success story. Our biggest initiative, and one that has our full attention right now, is ITPS (International ThermProcess Summit) – Americas, to be held in downtown Chicago this summer, August 10-12. The program is complete, with high quality speakers from companies such as John Deere, Pratt & Whitney, ArcelorMittal, and Cummins to name a few. We have a good amount of sponsors and exhibitors confirmed as well. Registration is open on IHEA’s website and our promotional campaign is in high gear. I encourage our members to register and help promote this event with related companies and end-users. IHEA members receive a significant discount to register and exhibitors and sponsors can also offer their customers a discount to attend. With everyone’s involvement and commitment, I’m sure this will become IHEA’s signature event. Let’s make it happen.

Furthermore, we have also opened the doors at IHEA to welcome end users of industrial heating equipment, as we believe this is an important change that will certainly enhance IHEA’s value to our membership. ITPS Americas will serve as a great platform to achieve this goal. We will also continue strengthening the value IHEA offers to our members and industry through our education programs, Safety Standards & Codes Committee, and government relations activities. When speaking to new members during the annual meeting, they were impressed with what we accomplish at the Safety and Education committees, both being considered core functions within IHEA. These speak to the heart of our strategic statement of “Providing the Knowledge Base and Authoritative Voice for Industrial Process Heating Worldwide.” It is also fair to say that efforts in government relations are being re-directed in order to achieve our goals.

Following the model tested successfully in 2015, we will combine our three seminars (Combustion – Safety – Induction) and Tabletop Exhibition, all in one place at the Cincinnati Marriott RiverCenter in Covington, KY, September 19 & 20. Mark your calendar now and plan to join us for these events. IHEA’s committees and board will meet in the same location the day after the seminars conclude.

All in all, we have an exciting year ahead of us and I feel proud of the direction IHEA is heading. I hope companies in our industry take advantage, become members, get involved, and in turn receive great value out of it and enjoy it….as I’m sure our existing members do!

Daniel Llaguno, IHEA President
The International ThermProcess Summit Americas (ITPS Americas) is just two months away. IHEA is proud to bring such a great program that focuses on providing critical information to executive leaders in the Americas to help them improve manufacturing operations related to thermprocess technologies. Join us in Chicago from August 10 – 12 at the Lowes Chicago Hotel. You can register and reserve your hotel room now! IHEA members receive a significant discount to attend the Summit.

Our host and emcee for ITPS Americas Meagan O’Brien will bring a unique style to the event as a comedienne and an engineer!

Meagan O’Brien went to college to become a mechanical engineer, during which time she worked with her dad in the Surface Combustion metallurgical lab preparing samples for analysis. Once she graduated, she moved to Chicago and worked in the aerospace industry for 8 years. In the evenings, she studied improvisation and comedy (the normal evening activity for any engineer!). Ten years ago she left the comfort of her job and toured with The Second City National Touring Company. For the past 8 years she has worked as a freelance facilitator, host and actor.

The oil industry has undergone a remarkable transformation in a few short years. A decade ago, many energy analysts were forecasting the imminent arrival of “peak oil.” Today, oil is cheaper and more abundant than ever before, due in large part to North America's shale boom. Yet the economic and geopolitical consequences of the oil industry's transformation remain poorly understood. How should US policymakers respond to the shale revolution? Congress's decision, in December 2015, to lift its four-decade ban on US oil exports was an important first step. What opportunities and potential pitfalls lie ahead?

Mark Mills
Senior Fellow, Manhattan Institute
CEO, Digital Power Group
OPENING KEYNOTE: The New Geopolitics of Energy

There are many things you’ve been taught about leadership, says CM Sergeant Bob Vásquez, that are, to put it simply, WRONG! Leadership requires action: WRONG! Leaders lead from the front: WRONG! The truth about leadership is... Chief Master Sergeant (Retired) Bob Vásquez is currently a Course Director at the United States Air Force Academy’s Center for Character Development, as well as an adjunct professor at the University of Colorado at Colorado Springs. He is also an accomplished author, musician, speaker, life coach, and mentor. You’ll be intrigued by CM Sergeant Vázquez’s unique perspective on leadership.

Chief Master Sergeant (Retired) Bob Vasquez
United States Air Force
The Truth About Leadership

In the midst of one of the most contentious presidential elections of our lifetimes, Dan Proft discusses what we should expect in November, where the country goes from here, and what policies we will see coming out of Washington and Illinois in the year ahead. Dan will also outline the policy and political lessons we can take from Illinois, a state that has lost 125,000 manufacturing jobs since 2004 even while jobs are returning to other Midwest states.

Dan Proft
Radio Host, The Answer on AM 560
Chicago
CLOSING KEYNOTE: Where is America Heading?

MARK MILLS
Senior Fellow, Manhattan Institute
CEO, Digital Power Group

CHIEF MASTER SERGEANT (RETIRED) BOB VASQUEZ
United States Air Force

DAN PROFT
Radio Host, The Answer on AM 560
Chicago

OPENING KEYNOTE:
The New Geopolitics of Energy

The Truth About Leadership

Where is America Heading?
Friday afternoon will feature presentations on “Emerging Market Dynamics: Hot Market Trends in USA, Mexico, Canada and Brazil” from a variety of industry end users. Speakers from John Deere, Eaton Corporation, Cummins, Pratt & Whitney and ArcelorMittal USA, will provide a brief overview of trends in their industries followed by a panel discussion that will cover topics such as expectations from suppliers, thermal processing innovations, process challenges, productivity and quality to name a few.

Panelists:

STEVE FERDON
Director, Engineering Technology, World Wide FE Leader, Cummins

AQUIL AHMAD
Chief Metallurgist (Retired), Eaton Corporation

DR. DAVID FURRER
Senior Fellow Discipline Lead, Pratt & Whitney

CHAD SPORE
Supervisor, Enterprise Materials Engineering, John Deer Waterloo Works

EUGENE ARNOLD
Principal Engineer ArcelorMittal USA

A tabletop exhibition along with several networking functions will offer end users and supplier executives opportunities to meet throughout the event. To see the complete agenda for ITPS Americas visit, itps-americas.com and click the SCHEDULE button.

REGISTER NOW!
Registration fee includes admission to all Summit presentations, table tops, breakfast, lunch, reception & Taste of Chicago Dinner.

HOTEL INFORMATION
The Loews Chicago Hotel in downtown Chicago will host ITPS Americas. Opened just last year, this modern hotel is the perfect setting for ITPS Americas. Close to Navy Pier, the Chicago Loop and Magnificent Mile, you can walk to a multitude of fantastic restaurants during your stay.

We have a great group rate of $199 per night plus taxes. Rooms will fill quickly, so please reserve your room today! Go to itps-americas.com and click the HOTEL/TRAVEL button for a link to make your hotel reservation. July 15th is the final day to reserve your hotel room at our discounted rate.

Tabletop Exhibitors (as of June 6, 2016)
- CECOF
- HIMA Americas
- Honeywell Industrial & Commercial Thermal
- IHEA
- Industrial Heating
- Karl Dungs, Inc.
- Linn High Therm GmbH
- Messe Duesseldorf GmbH
- Nutec Bickley
- Products Finishing
- SCC, Inc.
- SECO/WARWICK Corp.
- SOLO Swiss SA
- Surface Combustion
- Vulkan-Verlag GmbH
- WS Thermal Process Technology Inc.

While there are some trade shows in America involving industrial heating for specific segments and markets, what will make ITPS different will be the broader/higher view of the industrial heating/thermprocess industry, its trends, challenges and opportunities, through a very interesting expert conference/panel program, and exhibition space. Getting firsthand information from industry experts, coupled with high level networking opportunities, at a great location in downtown Chicago, make this a must-attend event for high level executives in the Thermprocess industry.”

- Daniel Llaguno, IHEA President

A limited number of tabletops and sponsorships are still available. Visit www.itps-americas.com for complete details and reserve your tabletop and/or sponsorship.
IHEA’s 87th Annual Meeting - Huge Success in Colorado

IHEA celebrated its 87th year in the mountains of Colorado at the beautiful, historic Broadmoor hotel. Members raved about the venue and likewise the outstanding program. Our line-up of speakers offered members valuable insight into our “Wacky Political System” as well as thought-provoking information regarding the upcoming election. Attendees also regarded Chief Master Sergeant Bob Vasquez from the U.S. Air Force, as “one of the best speakers we’ve ever had at an IHEA event”. His presentation, “The Truth About Leadership” was inspiring and humorous.

Another highlight of the annual meeting was the Wild West Theme Dinner where our affectionately-known “Blue Dots” (first timers) were initiated by joining the band in a country line dance. They did a fantastic job and kept the enthusiasm going all night. IHEA members and guests donned their cowboy hats and boots and danced the night away with the band. They also enjoyed the fire pit and the terrific view from the Cheyenne Lodge.

IHEA committees met to continue the important work they perform all year long. We thank each of you who actively participates on a committee to ensure IHEA continues to meet our strategic mission.

Since Colorado Springs is home to the U.S. Air Force Academy, IHEA offered an optional tour of the Academy as well as the Garden of the Gods for members who chose to stay an extra day. It was the perfect ending to the 87th IHEA Annual Meeting.
IHEA NEWS

IHEA Says Farewell to Two Long Time Members

In the past several months, two long time IHEA members have retired from their positions within the industry. Max Hoetzl of Surface Combustion retired after 38 years with the company, and Taketo Sasaki has retired from JIFMA, our association partner in Japan.

MAX HOETZL

Max Hoetzl has a long relationship with IHEA, serving as IHEA’s secretary/treasurer in 2006; 2nd vice-president in 2007; 1st vice president in 2008 and then president in 2009. Max served on both the IHEA Education & Government Relations committees for years, serving as chairman of the Education Committee for two years. In 2015, Max stepped in to the role of instructor for IHEA’s on-line Fundamentals course. In retirement, Max has agreed to remain connected to the industry by staying on as a course instructor for IHEA’s on-line distance learning courses.

IHEA truly appreciates the years of service Max has dedicated to the association and our industry. We will miss his regular involvement with IHEA and wish him and his wife, Linda all the best in his retirement.

TAKETO SASAKI

Taketo Sasaki attended many IHEA meetings over the years and was very involved in ISO TC244. He sent the following note that we’d like to share with all IHEA members:

I express my deepest appreciation for your support and friendship. I really enjoyed working with you, and it was great pleasure for me serving you. Again, thank you very much from the bottom of my heart. I hope you much success in your business, and take care of yourself.

Best regards,
Taketo Sasaki

IHEA Offers Corporate End User Memberships

Join Now and membership benefits are valid through the end of 2017!
IHEA Corporate End User membership is open to any corporation actively engaged in the end use of industrial thermal process technologies. IHEA member benefits will extend to all employees from one corporation worldwide. Visit www.ihea.org to learn about the benefits Corporate End User Membership will afford your company today!

IHEA Announces 2016-17 Board of Directors and Officers

At IHEA’s 87th Annual Meeting in Colorado Springs, CO, the IHEA Board of Directors and Executive Officers began their 2016-17 terms. Serving as President is Daniel Llaguno of Nutec Bickley. Scott Schindelbeck of Honeywell I&CT was named IHEA Vice-President, and Mike Shay of HEAT Combustion Solutions was elected Treasurer. Outgoing president, B.J. Bernard of Surface Combustion assumes the role of Past President.

IHEA is proud of the work and commitment of the entire Board of Directors. Continuing their service for 2016-2017 are Jay Cherry, Wellman Furnaces; Tim Lee, Honeywell I&CT; Francis Liebens, SOLO Swiss; John Podach, Fostoria Process Equipment, a div. of TPI Corp.; John Stanley, Karl Dungs; Michael Stowe, Advanced Energy; KK Tiwari, Selas Heat Technology Co. LLC; and Jeff Valuck, Surface Combustion, Inc. Incoming President Daniel Llaguno remarks, “I’m proud and honored to be leading IHEA for the 2016-2017 period when exciting initiatives will take place to position IHEA for a bright future.”

Outgoing President B.J. Bernard (right) passes the gavel to Daniel Llaguno as IHEA’s 2016-17 President.
IHEA is educating the thermal heat processing industry with its series of outstanding training seminars. This fall, IHEA will offer three quality programs concurrently. The 47th Annual Combustion Seminar, the Safety Standards and Codes Seminar and the revised Induction Seminar will be held September 19 & 20 at the Cincinnati Marriott RiverCenter in Covington, KY. Keeping with tradition, this event will also feature a joint Tabletop Exhibition & Reception on Monday, September 19, which will include companies from every technology featured throughout the three seminars.

47th Annual Combustion Seminar
For decades, IHEA has offered this valuable educational opportunity for those in the heat processing industry. This two-day seminar will provide attendees current and relevant information from experts in combustion technologies. Some of the 18 topics covered during the class include: chemistry and efficiency of combustion, types of industrial burners available and how they are applied for efficient operation, supply and control of the fuel and air for these systems including piping design and valve selection, flame safety requirements of combustion systems, process and ratio controls with exposure to micro-processor equipment, furnace pressure controls for operation and efficiency improvements, preheated combustion air and furnace recuperators, and infrared process heating overview and applications. The seminar is designed for persons responsible for the operation, design, selection and/or maintenance of fuel-fired industrial process furnaces and ovens.

Safety Standards & Codes Seminar
The popular two-day Safety Standards & Codes Seminar will provide a comprehensive overview of the NFPA 86, including updated requirements for many areas of safety. Sessions will cover the required uses of the American National Standards governing the compliant design and operation of ovens and furnaces. The registration fee includes a copy of the NFPA 86 handbook – 2015 edition containing the most recent revisions to the code.

Induction Seminar
This revised, one-day Induction Seminar will be held Monday, September 19, during the fall education series. Recognizing the demand for information on this technology, IHEA sought out experts to offer this full day of training on induction technology, equipment, processes, installation and benefits. Attendees will learn how to improve plant processes, energy efficiency, productivity and quality from members of IHEA’s new Induction Division. The sessions in this seminar will provide a complete understanding of induction technology and review case studies to learn the advantages it affords.
**IHEA EDUCATION**

### Dates Set for IHEA Fall Business Conference

IHEA’s 2016 Fall Business Conference will be held on Tuesday & Wednesday, September 20 & 21 at the Cincinnati Marriott RiverCenter following our fall seminars. The IRED and Induction Division meetings will be held on Tuesday afternoon, followed by a great underground brewery tour and tasting event in downtown Cincinnati. The remainder of the committee meeting and reports will be held on Wednesday, Sept. 21st. Note: Due to ITPS Americas taking place in August, we will not have formal speakers at this year’s Fall Business Conference. We will conduct committee meetings and reports along with a board meeting only. Please mark your calendar now and plan to join us.

### IHEA’s Online Distance Learning Course

**Fundamentals of Industrial Process Heating**

Course Begins: Oct. 17  
IHEA Members: $700  
Non-Members: $875  

Instructor: Max Hoetzl, Retired Engineer, Surface Combustion

This six-week course provides an overview of the fundamentals of heat transfer, fuels and combustion, energy use, furnace design, refractories, automatic control, and atmospheres as applied to industrial process heating. Students will gain a basic understanding of heat transfer principles, fuels and combustion equipment, electric heating, and instrumentation and control for efficient operation of furnaces and ovens in process heating. Students will earn Professional Development Hours for passing the course.

A former student remarks, “I liked the pace of the class and learning to resolve real examples.”

This is a six-week online course beginning on Oct. 17th. Registration fee includes course instruction, live interaction with the instructor, class forums to interact with other students, plus an electronic copy of IHEA’s Fundamentals of Process Heating Course Handbook. Cost is $700 for IHEA members and $875 for non-members. Registration will be open soon! Check the IHEA website, www.ihea.org for more details.

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For a complete description and registration information for all seminars, visit IHEA’s website, www.ihea.org.  
Click on the EVENTS tab and select the seminar for full details.
IHEA Officers & Board

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