



# December 2010 Newsletter

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## Upcoming Events

- March 24 ISA Texas City TX Table Top Show
- April 10 AD Symposium, League City, TX
- Oct 17 ISA Automation/Analysis Track, Mobile, AL

### A Note From The Editor:

As we end the 2010 year and embark upon a new year, we get an opportunity to begin with so much hope and excitement. What will you change this year? What will you improve upon? We would like to improve on our newsletter by receiving more informative content and we really need your help to do so. Please send your ideas, your information, and your news to Randy Hauer or myself. We welcome your input and acknowledge those that continually contribute.

If you would like to contribute to the newsletter or advertise, please email me at: [AnnieBmail@yahoo.com](mailto:AnnieBmail@yahoo.com) or to my work email address at: [Annie.Crabtree-Smith@c-a-m.com](mailto:Annie.Crabtree-Smith@c-a-m.com). All content will be approved by the Director before released into the newsletter.

Happy New Year!

**Annie B. Crabtree-Smith, Editor**  
 Cameron, Measurement Systems, Process Analytics  
 Ph: 832-275-5298

### Automation Week:

The ISA Automation Week was held October 2010, at the Westin Galleria in Houston, TX. You can see pictures and view the award winning papers on the ISA's website: [www.isa.org](http://www.isa.org) or by contacting **Rodney L. Jones**, MBA, Senior Administrator Technical Divisions and Symposia, International Society of Automation, 67 Alexander Drive, P.O. Box 12277, Research Triangle Park, NC 27709, 919-990-9418, Email: [rjones@isa.org](mailto:rjones@isa.org)

### A Message From The 2009 - 2010 Director:

As we come to the end of the year, it is time for me to pass



the gavel to the incoming Division Director Randy Hauer of Ametek Process Instruments. The Analysis Division is very fortunate in the fact that many of the past directors are still active in the division either with the Spring Symposium or as Instructors in the Introductory Analyzer Course that is held in conjunction with the Symposium. These past Directors



provide a valuable mentoring resource for the incoming executive, resulting in a smooth turnover.

Joining Randy as Director Elect will be Don Nettles of Chevron. Don has been very active in the division for the past few years as the Education Chair. Don's acceptance as Director Elect will present a challenge, as there is less than 2 years to identify a new chair for Education.

Phil Harris of Ametek Process Instruments has taken on the role as Webmaster, and his first challenge was to develop a new web page for the Spring Symposium. This page can be found at [www.adsymposium.org](http://www.adsymposium.org). Phil has already downloaded the information for AD2011, and will be updating the information over the next few months. I would encourage all members to check the web page regularly for information regarding AD2011 as it becomes available.

The 56th Analysis Division Symposium will be held in League City (Houston), TX April 10 to 14, 2011. I strongly encourage all members to mark April 10, 2011 on their calendars. The Spring Symposium is the premier event of the year, and provides an excellent opportunity to both gain knowledge of process analyzers and catch up with acquaintances.

In conjunction with the Spring Symposium, the division will be conducting two short courses. The Introduction to Process Analyzers will be held on the Sunday before, and previous executive members of the division teach this course. In 2010, a student told me he attends this course every year, not for the course material but he feels the conversations alone are worth the fee. On Thursday the short course will be on the NESSI based sample conditioning systems. This will be the first year the division is holding a short course on NESSI based sample systems.

The division is actively seeking members to serve on one of the Technical Interest Groups (TIG). The primary responsibility to the TIG committees is to provide brief technical updates in the area of specialty and to help source papers for the upcoming symposia.

The Technical Interest Groups (TIG) are:

- Chemical Analyzers
- Spectroscopy
- Maintenance
- Physical Properties
- Gas Detectors
- Chromatography
- Sample Systems
- Validation
- Emerging Technology
- Communications
- Environmental
- Systems Integration

Participation in one of the Technical Interest Groups is ideal for someone who has limited approvals for travel since the majority of the work can be done via the internet. If anyone needs more information or would be interested in participating in a Technical Interest Group, please contact

- David Lewko at [david.lewko@amec.com](mailto:david.lewko@amec.com)
- Randy Hauer at [randy.hauer@ametek.com](mailto:randy.hauer@ametek.com)
- Don Nettles at [dnettles@chevrontexaco.com](mailto:dnettles@chevrontexaco.com)

I would like to close and take this opportunity thank everyone and wish all members of the division a great new year. I look forward to seeing many of you April 10th at the South Shore Harbor Resort for the next Symposium.

**David Lewko, Director 2010**

[david.lewko@amec.com](mailto:david.lewko@amec.com)

### An Introduction Message From The 2011-2012 Director:



It is a great privilege and pleasure to be associated with the finest minds in process analytics, as we are all known by the friends we keep. I travel a great deal in

my job function and have an opportunity to address groups of analyzer techs and engineers. Many of them are young or just



joining the profession. I sometimes set them back on their heels a bit by letting them know that it is a life sentence, once people get into process analytics they never leave. I go on to say It is a mix of chemistry, physics, electronics, software, control engineering, sample handling, common sense, perseverance, and black magic. How could you ever hope to learn it all in even two lifetimes? Then we talk about how the only people who will ever really understand them reside in the ISA Analysis Division. We are your "Tribe" so if you have not joined as yet, you should think about it. There is no other place for you to be but here.

There is a 56 year history of the AD, so on the one hand the responsibility is onerous. On the other hand, there is such a strong core of men and women who are exceedingly generous with their time and intellectual contributions who have participated many years. All that really needs to be done is to keep the flywheel spinning but this requires a continual input of energy. What I will ask of each member is to participate in the AD. Don't be just a spectator. That is no way to go through life. Contribute to your profession by writing a paper, serving on a TIG group, bringing in a colleague as a new member, promoting the vast benefits of the AD to your management, or bringing new people from your company to the Symposium.

Put in more than you take out. Anything less is taking a free ride. Nothing is more personally satisfying than to pass on knowledge to others. This is how we will all be remembered.

Going forward these next two years I will be concentrating on promoting membership, especially international. I will also be concentrating on our communications. Don Nettles has kindly consented to serve as our Director Elect. Don will be concentrating his energy on the educational elements of the AD and he has many new ideas to improve upon the services provided to you, your profession and your company.

The Symposium does not take care of itself. We have our team in place for AD 2011 (Dale Merriman, Cindy Cauthen, Paul Barnard and Mike Chaney) and as always we are in good hands as the Houston AD Section is known for their "can-do"

attitude. They will be looking to fill some of the positions. If you have time to offer, let them know. AD 2012 Anaheim planning is well underway also. Sandra Krauthamer is our AD 2012 conference Chair. We are currently looking at hotels with help from ISA. It is not too early to be thinking about a paper for Anaheim as the slate for League City is pretty much full as I understand from Paul and Mike.

I thank each and every member for their participation in the AD. I also wish to thank David Lewko, Mike Chaney and all the past directors for the guidance and stewardship they have provided to Don and I. Our profession is dynamic, growing and we need each other to be the best we can be.

**Randy Hauer, Director 2011-2012**  
Tel: +1 (412) 826-2494  
Email: [randy.hauer@ametek.com](mailto:randy.hauer@ametek.com)

### Analysis Division Executive Committee:

Director (2011-2012)	<a href="#">Randy Hauer</a>
Director Elect (2013-2014)	<a href="#">Don Nettles</a>
Past Director	<a href="#">David Lewko</a>
Facilitator	<a href="#">Mike Chaney</a>
Education and Training Chair	<a href="#">Don Nettles</a>
Publications Chair	<a href="#">Paul Barnard</a>
Membership Chair	<a href="#">Bill Johnson</a>
Newsletter Editor	<a href="#">Annie Crabtree-Smith</a>
Honors and Awards Chair	<a href="#">Jerry Clemons</a>
Standards and Practices	<a href="#">Bac Vu</a>
Web Master	<a href="#">Phil Harris</a>



### Education/Training TIG Update:

The Director-Elect, Education Chair and Technical Interest Groups – Physical Properties Chair is **Don Nettles** and he can be reached at Chevron, 1400 Smith St, Houston, TX 77002, Ph: 713 372-7327

### 2011 Honors & Awards Committee

Dear ISA Member,

Through its Honors & Awards program, ISA provides a widely respected forum for recognizing personal achievement, dedicated service, and technical accomplishment to hundreds of dedicated professionals. You are critical to the success of the awards program because it is ISA members like you who identify those individuals deserving of recognition.

ISA is now accepting nominations for the 2011 program. If you know an automation professional who has made significant technical contributions to our field or has provided distinguished service to the Society, nominate him or her for an ISA award. Your nomination alone will be recognition of a job well done and if they are selected, the entire automation community will join you in celebrating their accomplishment when the awards are presented at the 2011 ISA Honors & Awards Gala in October in Mobile, Alabama, USA.

Award categories, nomination criteria, and nomination forms are available online at [www.isa.org/honors](http://www.isa.org/honors). The deadline for nominations is the 10<sup>th</sup> of February 2011, so act quickly!

The 2010 Honors & Awards Gala was spectacular. We invite you to view photos from the Gala and review profiles of the 2010 honorees.

*Gerald W. Cockrell, Chair 2011 Honors & Awards Committee*

A "Thank You" from the Analysis Division to **Phil Harris** for creating the new AD Symposium website & **AMETEK Process Instruments** for sponsoring the registration and host server fees.

Visit the web site on [www.ADSymposium.org](http://www.ADSymposium.org) for up to date information on the AD and upcoming Symposium



### Intent to Present and Paper Submissions for the AD Symposium:

You may register your intent to present by emailing **Mike Chaney**, [Michael.Chaney@lyondellbasell.com](mailto:Michael.Chaney@lyondellbasell.com). Please include the papers title, abstract, authors and keywords in your email.

Your completed manuscript may be emailed to the Paper Review Committee Chairperson, **Paul Barnard**, [Paul.Barnard@lyondellbasell.com](mailto:Paul.Barnard@lyondellbasell.com); whom will distribute amongst the technical reviewers. The reviewers will provide feedback to the authors, and subsequently the final paper may be submitted. In addition to the technical paper, you will also be requested to submit presentation materials for review. See the schedule below for submissions:

<b>Abstract Was Due</b>	<b>Dec. 03, 2010</b>
<b>Draft Paper to Review Chairman</b>	<b>Jan. 14, 2011</b>
<b>Reviewers Comments to Authors</b>	<b>Feb. 16, 2011</b>
<b>Paper for Publication</b>	<b>Feb. 25, 2011</b>
<b>Papers Sent to Publisher</b>	<b>Mar. 03, 2011</b>
<b>Oral Presentation Electronic Materials</b>	<b>Mar. 25, 2011</b>
<b>Symposium Presentation</b>	<b>Apr. 11-13, 2011</b>



## 2010 Member of The Year:

**Bill Johnson, ABB Process Analytics**

## 2010 Product of The Year:

**Innovative Product of the Year – Thermo Electron for the development of the PrimaPro Mass Spectrometer**

## 2010 GTFK Winners:

**1st place: Phil Harris, Kevin Harris, Dan Potter - Combining Spectroscopy and Separation Science in Process and Emissions Monitoring**

**2nd place. Bertrand Lanher – Real-time Measurement of H<sub>2</sub>S in Varying Hydrocarbon Matrices Using Optical Feedback Cavity Enhanced Absorption Spectroscopy (OFCEAS) Technology**

**3rd place. Peter Traynor – Improvements in Accuracy of Analysis of Complex Gases by Mass Spectroscopy**

## **A website of our own... Announcing ADSymposium.org**

We are up and running! The new standalone web site for the Analysis Division is ready. Check us out at:  
[www.ADSymposium.org](http://www.ADSymposium.org)

The idea was floated at our executive meeting in October to have our own web site for the AD. The ISA central web site has a great deal of good information on the divisions but we saw a real need to have our own site for the purpose of doing a better job promoting the annual Symposium, informing the membership of the technical program as it evolves from January to April each year and to attract prospective members.

The team was assembled, the work is done and we think the membership is going to be well served by this initiative.

**You will find the following information on the website:**

- Up to date information on the technical program for the upcoming Symposium as it evolves. This saves a lot of steps for our (over worked) Technical Chair and Paper Review Committee
- How to register for the AD Symposium, how to join the AD through the ISA
- A list of all of the current member companies using their logo as icons with multiple links to this from various points in the site so prospective members know who their peers are
- A separate list of all vendor companies using their logos, this list is based on the vendor companies who displayed at New Orleans AD 2010
- A list of frequently asked questions to reinforce our mission as to "why" being a member is indispensable for any analyzer professional from technician to research scientist
- A current listing of our executive and TIG chairs
- Registration and payment is still done through ISA and a convenient link from the AD Symposium web site takes you there for that purpose, nothing changes on that count

There is a bit of tweaking to do and some content yet to be added. We have the intent to open up a Q&A forum by the technical interest groups (TIGs), stay tuned for this.

The AD owes a big thank you to Phil Harris of AMETEK Process Instruments, who in early November allowed the executive to press him into service as our web master on short notice. Phil put a great many hours into this on weekends and he certainly fits the billing...."You want something done fast, give it to a busy person". Also a debt of gratitude to the oversight committee of Mike Chaney, Paul Barnard, Dale Merriman, Don Nettles and Randy Hauer who all contributed content and critique almost as fast as Phil could post it. Also thanks to Ian Verhappen for his inspiration.