Editor's Message:

Hello there and welcome to the spring edition of the ISA AD newsletter from your friendly editor. The symposium is very nearly upon us again and despite the trying times for our industry in these past twelve months we expect yet again another spectacular event. We have a record number of exhibitors, an expanded suite of courses and hands on sessions and as we speak we are seeing the usual late flurry of signees for attendance to the week. So, if you have not done so already please hit the web site and get registered for this year’s AD symposium.

In keeping with the good news in troubled times theme, we have some exciting news from the Gulf Region - sorry Houston, that would be the other Gulf region in the world; that of the Middle Eastern area! It is in regards to a long gestating interest in opening an ISA Analysis Division Chapter in the Middle East. There is a local Instrumentation magazine which has worked with ISA headquarters and the regional division on local ISA shows that have approached the Analysis Division to co-organize a one day AD symposium later this year. There has been for some time strong support for ISA AD in Saudi Arabia, UAE and Qatar, so this is a natural extension of those efforts. A local company (Analytical Instrumentation Maintenance Systems) initiated the interest and the local promoter has stepped forward to put together the infrastructure. We will have more news in the Fall Newsletter.

As is often the case, amongst the doom and gloom there are always to be found some high spots and happy folks, just ask the Ethylene producers! So without further ado, please dive into the spring edition of our newsletter, and we look forward to seeing you at the Symposium.

Stuart Simmonds
ISA Analysis Division Newsletter Editor
Message from the Director:

The ISA Analysis Division celebrated its 60th year in 2015 and we are moving ahead stronger than ever in 2016. AD continues to provide a rich learning experience for all of our attendees via our 3 day technical symposium with peer reviewed papers, hands on training and an exhibition floor supported by as many as 70 equipment vendors in 2015. The symposium continues to embrace cultural diversity as seen during the 60th AD symposium as our international attendance represented over 13 countries. I am very proud and honored to be representing ISA AD as the Director and extend an invitation to everyone to become part of a very long and rich tradition of learning in process analytics.

Tracy Dye
Director ISA Analysis Division (2015-2016)

Message from the Symposium Chair:

Hello! April is here and it is time for Analytical Solutions by the Sea. We have another great program in Galveston this year. I am honored, once again, to be part of such a dedicated team of professionals. Without their hard work during their “free time” we would not have this outstanding forum.

Each year speakers and attendees come to the Symposium from all over the world to participate in informal discussions, see exhibited new technology, and hear the latest information about analytical science in the industry. This year we are pleased to offer three choices to attend in our fundamentals and advanced courses on Sunday, followed by three days of various technical papers and on Thursday there will be vendor training courses. Please see our website www.adsymposium.org for all the details.

Monday is open day in the vendor forum where we encourage you to invite analyzer engineers/techs and analyzer students from the surrounding area to walk around and get an opportunity to talk with different manufacturers in our industry. Don’t forget to register for our banquet Tuesday night our guest speaker, Phil Harris, is sure to be interesting and bring some laughs too (no pressure Phil).

I look forward to seeing everyone and hope you enjoy our 61st ISA Analysis Division Symposium.

Cindy Cauthen
Symposium Chair

2016 ISA AD Workshop: Recent Developments in Emission Regulations for Refineries and Petrochemical Plants:

This four hour section will include presentations on EPA Regulations for Refineries and Petrochemical Plants. Specifically, the topics of Subpart jA: Lesson Learned, Refinery Sector Rule (MACT I and II) and Sample Conditioning Systems – Design Considerations for Emission Monitoring will be covered followed by a discussion panel. Product suppliers with equipment for these specific applications will have their products on display through this event for everyone to see and discuss during the breaks.

Guest Speakers and Panel
Ruth A. Cade, PE (Marathon Petroleum)
Michael Hoffman (Siemens Industry)
William F. Pedersen (Perkins Coie)
Troy M. Boley, PhD (Sage Environmental)
Moderator: Jerry L. Combs, PhD (Siemens Industry)

AD-2016 Galveston / Headline News:

Cindy Cauthen is our returning Symposium Chair and is in the process of forming her team. Details of the 61st annual AD Symposium will be posted on the web site commencing Nov 24 with the following information as it becomes available;

Call for Papers:
See the web site for details (www.adsymposium.org). Abstracts will be accepted in the order they are received and a waiting list will form when the program is filled.

Hotel(s)
The conference hotel is the Hilton Galveston Island Resort, right next door to the convention center. Book early if you expect to have space here. As in 2014 we will have overflow space at adjacent properties

Technical Program
Rod Spitler and Mike Chaney will have the preliminary program on the web site in February. There will be the usual three full days of peer reviewed papers.

Educational Programs:
The Fundamentals courses will be held on Sunday as well as the Advanced course(s). The schedule will be posted to the web site by end of March. The Hands-On courses will be held on the Thursday, details will be posted to the web site by end of March.

Vendor Technical Forum:
Shana Kiser of Teledyne is our Vendor Chair. We expect 70+ vendors, registration information will be available on the web site in January.

Banquet and Keynote Speaker:
The banquet will be held on Tuesday night. The Banquet sold out early last year, be sure to sign up for your tickets when you register.

Spouses Program
There will be a full spouses program; details will be available on the website.
**Message from the Education Chair:**

We have several new and exciting Education opportunities on Sunday, April 24. First, the Fundamentals of Process Analytical course contains two new modules that complement the rich history and our drive for continuous improvements of this course. The lineup includes Analyzer Engineering, Spectroscopy, Oxygen Analysis, Chromatography, Sample Systems, and Systems Integration, which will all be taught by highly experienced AD members and Fellows who are “Legends in the Field”. New and repeat attendees are sure to find the course valuable. Also, back by popular demand are Tony Water’s Sample System Design course and Alex Lau’s Statistical Quality Control course. Both of these courses focus on key attributes of analyzer system Reliability. Come join us on Sunday and sharpen your skill set by attending one of these exciting courses.

We also have a solid lineup of low cost Hands-On Training opportunities on Thursday, April 28. This year the list includes ABB (PGC5009 SimDis, STAR Client), Ametek (WDG-V), E&H SpectraSensors (TDLSAS SS2100), Emerson (700XA), Falcon Analytical (Fast Process GC), Liquid Analytical Resource (QuickTOCultra & QuickCOD_lab), Servomex (ServoTough 2700 FluegasExact), Siemens (Maxum Edition II), ThermoFisher (Sola II), Yokogawa (TDLS8000 / GC8000). These non-commercial classes are “advanced technical” and assumes the attendees have some experience with the equipment. The purpose of the hands-on training is to attract end users to the AD symposium who may not otherwise attend and to offer education opportunities for the general process analytical community. These vendors donate their training to ISA AD in support of this mission and the Thursday Hands-On Training sessions have quickly become a highly successful part of the symposium.

*Wenzel Bartlett*

*Education Chair*

**Message from the Symposium Chair:**

We invite you to attend in April 2016 the 61st annual symposium technical program hosted by the Analysis Division. The technical program this year contains three full days of presentations. The 2016 program contains 34 written papers and one panel that was written by leading experts in the analytical field. These papers were accepted and reviewed through our paper review team. The paper authors and the paper review team have worked diligently to assure highest quality technical content. These papers are on various aspects of analytical applications, engineering, maintenance, sensor technology or new products to name a few. Once again after each presentation, the audience will be allowed Q&A to discuss the topic. For each of the attendees an electronic copy of the proceedings will be issued containing all the written papers. These papers will be published and available through ISA. If you cannot attend or request additional copies of the proceedings, please contact ISA directly after the symposium. If you can make it to AD this year we can assure you that it will be a learning experience and we welcome you back.

*Mike Chaney*

*Program Chair*
Webmaster’s Message:

The chart compares weekly hits in the first 9 weeks of 2015 as compared to 2016. As can be seen they are up by about 75% for the early part of this year, as our web presence continues to grow.

Once in a while we like to review the web logs to see where the web traffic is coming in from. It is gratifying to see in a short stretch of time web hits from Baghdad, London, Spain, Mexico, Mongolia, the US and Canada! It truly shows we service an international community. It is also surprising how many people come to the ISA AD web site from their cell phone - lots of iPhone and Androids in there.

This is what our recent visitor Map looks like

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Phil Harris BSc MSc  
Webmaster
A Special Thank You to Johnny Austin who kindly formats the Newsletter for us.

Our Supporting Sponsors

The AD invites vendors who participate in the technical forum at the AD to support the newsletter. We know there is keen competition for their promotion budget. They have chosen to contribute to the Newsletter and underwrite the special projects we fund with the proceeds. In addition, each year at AD a standing committee makes an award for the “Innovative Product of the Year” and this years recipient is AMETEK Process Instruments. They carry title to the award for one full year and receive a full page space in the Newsletter which you see following.

We thank all of our supporting sponsors for their generosity and innovation. If your company is interested in a placement please contact the newsletter editor.
Winner of ISA Analysis Division’s Innovative Product of the year award 2015

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