



**BATON ROUGE  
SECTION**

**November  
Newsletter 2007**

**PRESENTATION**

**Fiber Optic Applications For Industrial World**

Nilson Gabela, Corning Cable Systems

**November 15, 2007  
Time: 11:30 am-12:30 pm**

**Location:  
Holiday Inn  
Baton Rouge, LA**



## President's Message

Greetings Members!

We had a fantastic "kick off" meeting in October, with a large audience coming for the Honeywell presentation on Wireless Solutions, along with great food from Mike Anderson. As mentioned by many members, this presentation was one of the best presentations on Industrial Wireless Technology, where it highlighted a range of applications, emphasized on industry standards like ISA 100 & focused on the potential benefits of wireless enabled versions of conventional field devices. Yet, there is much more to come!

We will be having our next monthly presentation on November 15, Topic "FIBER OPTIC APPLICATIONS FOR INDUSTRIAL WORLD" by Nilson Gabela from Corning Cable Systems at the Holiday Day Inn Select, Baton Rouge from 11:30 am- 12:30pm. **Please Note: Due to holiday season & vacation time, our December monthly presentation will be moved to December 12th, Wednesday, Holiday Inn Gonzales.**

**2007 International Student Games Results:** With such a great honor and privilege, ISA Baton Rouge Section would like announce the great victory of "ITI Technical College", Student chapter. Team took home the 6<sup>th</sup> place in the competition held for ISA on October, 1- 4, in Houston Texas. Congratulations!!!

I hope that you feel ownership in our section. As your section leader I look forward to seeing our section fulfill the vision and mission of our National Organization. Please feel free to contact me if you have any suggestions or feedback at [aparna.subramanian@exxonmobil.com](mailto:aparna.subramanian@exxonmobil.com). If you are interested in programming through the section you can contact incoming Vice-President, Murtaza Gandhi at [murtaza.gandhi@Jacobs.com](mailto:murtaza.gandhi@Jacobs.com). It is one of our goals this year to send out a regular newsletter to improve our communication amongst the membership of the section. It takes time and effort to put everything together. Hence if you had any suggestions on further improvement, please email Crystal Barzare at [crystal.barzare@Jacobs.com](mailto:crystal.barzare@Jacobs.com).

### *Speaker's Biodata, November 15<sup>th</sup> Presentation:*

Mr. Nilson Gabela has been with Corning since 2003; stated as a field engineer. As a field Engineer he installed, documented, and tested fiber optic networks in the USA, Latin America, and South Korea. Some of the locations where he worked: Pentagon, Fort Knox, Social Security Administration main office, JP Morgan Chase Data Centers. He worked in the Fiber To The Home (FTTH) installations for Verizon in the East Coast and SBC in the West Coast. When not working on installations, he instructed fiber optic certification courses in the USA and Mexico.

### *October Newsletter Correction:*

We would like to retract "Process Measurement & Control" from our Shrimp Boil Sponsor's list and would rather want to thank "Process Measurements & Monitor" for their support.

***Upcoming Presentations...***

November 15th

***“Fiber Optic Applications For Industrial World”***

by Nilson Gabela, Corning Cable Systems

Time: 11:30-12:30pm

Location: Holiday Inn, Baton Rouge

Pricing with RSVP: \$15 person

Tickets at Door: \$20/Members, \$25 Non-Members

RSVP: By Noon November 12, 2007 to

[isareservations@hotmail.com](mailto:isareservations@hotmail.com)

December 12th

***“SIS Systems”***

by Buddy Creef, RTP Corp

Location: Holiday Inn, Gonzales

January 17th

***“Combustion Efficiency”***

by Ametek Process Analyzers

Location: Holiday Inn, Baton Rouge

February 21st

TBA

Location: Holiday Inn, Gonzales

**Attention Members!**

Please update your email address for future correspondence by either logging onto your profile in [www.isa.org](http://www.isa.org) or email [isareservations@hotmail.com](mailto:isareservations@hotmail.com)

**Professional Development Hours:  
Continuing Education Requirements for Registered Professional Engineers**

As of January 1, 1999, the State of Louisiana began requiring Licensed Professional Engineers to participate in a continuing education process as a condition for registration renewal. During each biennial registration renewal period, every engineer registrant, including those registered in two or more disciplines, is required to obtain 30 Professional Development Hours (PDH's) in engineering related activities. The local section can help. *Many of our section meetings qualify towards this requirements.*

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# 54th International Instrumentation Symposium

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## Call for Papers

54 YEARS IN THE MAKING...

The 54<sup>th</sup> International Instrumentation Symposium is sponsored jointly by the Aerospace Industries, Test Measurement, and Process Measurement and Controls Divisions of ISA. This symposium has become recognized as the outstanding forum for discussion of new and innovative instrumentation techniques, development and applications. The symposium will include paper sessions, short courses, and tutorials. Papers will be considered for publication in the ISA technical journal.

### For additional information, contact:

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 aubri.c.buchanan@nasa.gov

**Rodney Jones**  
 (919) 990-9418  
 rjones@isa.org

### For the following topics, prospective authors are invited to

- submit paper for peer review
  - submit "presentation only" for review
- Electronic Instrumentation
  - Wireless, Electromagnetic, & RF Instrumentation
  - Geo-science and Remote Sensing
  - Automated Measurement Techniques
  - Biomedical Instrumentation
  - Built-in-Test & Self-Test Instrumentation & Measurement
  - Calibration and Uncertainty
  - Time/Frequency based and Real-time Measurements Systems
  - DCS, SCADA, and Industrial Instrumentation
  - Noise, Measurement, and DSP
  - Measurement Standards and Metrology
  - Aerospace Systems
  - Emerging Technology
  - Environmental Measurements and Monitoring
  - Cyber and Homeland Security
  - Student Sessions

### Guidelines for Submission:

- All Authors/Speakers must pay registration fee
- Intent to Present Application must be submitted electronically and in English.
- Must include a 200-500 word abstract.
- Suggested length limit for papers is 10 pages, including figures and illustrations.
- Papers accepted for publication will require copyright transfer to ISA.

The lead author is the main contact. Submit your electronic Intent to Present Application including abstract online to [www.isa.org/ABSTRACTS](http://www.isa.org/ABSTRACTS) and email to [aubri.c.buchanan@nasa.gov](mailto:aubri.c.buchanan@nasa.gov) and [rjones@isa.org](mailto:rjones@isa.org).

**Deadlines:**  
**Abstracts:** 15 November 2007  
**Draft Papers:** 01 February 2008  
**Final Papers/Presentations:** 14 March 2008

- Process Measurement and Control
- Green & Renewable Energy Technologies
- Intelligent Instrumentation & Measurement
- Power Systems, Radiation, & Nuclear Instrumentation
- Hardware-in-the-Loop (HIL) Instrumentation
- Safety Instrumented Systems
- Semiconductor and Superconductivity Measurements
- Sensors & Transducers
- Virtual Instrumentation & Systems
- Laboratory & Physical Science Instrumentation
- Nanotechnology, MEMS, NEMS
- Control System Instrumentation
- Temperature, Pressure, Flow & Process Variable Instrumentation
- Field Programmable Gate Arrays (FPGA) Based Systems
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## Section/Division Report (November, 2007)

There are lots of things to consider when you think about your membership in the ISA. Should I be an active member, a passive member, should I be involved in my Section, or should I try to concentrate on being an important member of one of the more than twenty Divisions of the Society?

For some people those options become almost a dilemma as they try to sort out just which way their activities should be directed. Well, perhaps some light needs to be shed on just how you can use your Section work to compliment your Division work. And, I might add, the term "work" is only slightly appropriate.

Let's, for a moment, look at how you could best serve your Section. Obviously, the way to serve initially is to be an active participant at Section meetings. Then, if you see the need for your help on the local Board, you get involved. You start slowly, maybe you volunteer to work as a helper during the golf tournament, maybe as a greeter during the monthly meeting, or maybe you decide that a bigger role is for you and you agree to the opportunity to be elected to an entry level office on the Board. How about "assistant" something or other?

You realize that the Section only runs well when the members contribute their time and efforts to the cause. So, you are now in the position to influence how your Section and your Society operate. And here you thought you were just a lowly assistant whatever. No, that's the beauty of the ISA. ....(cont. Page 6)

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**Troy Russo**  
Account Manager



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## Section/Division Report (Cont.)

You can, with the strength of your Section, encourage change for the betterment of the Society on a national, even worldwide basis.

And the same basis exists for the Division members who have an idea that Divisions are these big international groups of experts who are only concerned with stuff that, as one of my friends once said, is mostly ten to the sixth. Now, there is no question that some of the Divisions have among their memberships, lots of engineers and scientists with lists of credentials as long as your arm, but there are also Divisions which are there just for you if you are an analyzer technician, an instrument designer, an entry level controls system engineer, a construction engineer or technician, or an instrument salesperson.

So, if you want to contribute in any manner to the Analysis Division, to ConDes, to PMCD, or to the Marketing and Sales Division, don't hesitate to find out more about what these Divisions can offer you in exchange for just a bit of your time. In just a little time you'll realize the role that Divisions play in the working arrangement of the Society and how your help is definitely needed to ensure that the role of Divisions continues to the benefit of all of the members.

For more information about these and any of the Divisions of the Society, just give a call to Rodney Jones, (919) 549-8411, at ISA Headquarters. He'll be glad to help.

L.M."Dutch" Keen  
Vice President  
Strategic Planning Dept.



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### **Electronic Exam Testing Windows**

Beginning January 1, 2007, ISA electronic certification exams will be available during three testing windows. Each exam testing window will have a deadline for applications to be considered for testing in that window. Eligible candidates will only be able to test during the testing windows.

The candidate eligibility window is 9 months. Once your application is approved, testing must be completed within two exam testing windows. Your first exam testing date must be scheduled during the first available window after your application is approved. All rescheduling and retesting must be completed within the two consecutive exam testing windows within your 9 month eligibility period.

You may reschedule your exam once, and the rescheduled date must be during your first exam testing window. If you must retest, you must allow 30 days between your initial exam date and your retest date. If you are not able to schedule a retest in the same window you took the initial exam, you can retest in the next available window. A total of two retests are allowed within your two eligible exam testing windows with each retest scheduled at least 30 days apart.

If you do not successfully complete the exam within the two exam testing windows within your 9 month eligibility period, you must reapply submitting another application and fee.

In order to schedule an exam, you will need to send your completed application by the specified application deadline for the exam testing window. The application deadlines and testing windows are as follows:

Exam Testing Window	Exam Application Postmark Deadline
Window 1: 1 March – 30 April 2008	Tuesday, 15 January 2008
Window 2: 1 July – 31 August 2008	Thursday, 15 May 2008
Window 3: 1 November – 31 December 2008	Monday, 15 September 2008

Eligible candidate applications received in 2007 and 2008 will be able to test in a total of two exam testing windows as outlined in the grid below.

Exam Availability Schedule	
Exam Application Postmark Date	Exam Availability
16 May – 17 September 2007	Window 3: 1 November – 31 December 2007 and Window 1: 1 March – 30 April 2008
18 September 2007 – 15 January 2008	Window 1: 1 March – 30 April 2008 and Window 2: 1 July – 31 August 2008

\*Please allow 6 weeks for application review and notification of eligibility.

### **READ-OUT**

The newsletter of ISA Baton Rouge Section and is published 9 times a year. Business card ads by sponsors are \$200 per year, this would also include website and banner advertisement during monthly presentation. If you are interested in an ad, have an announcement, comment, question or suggestion; please contact us. **Deadline for ads, articles, etc. is noon on the last Friday of the month! Please provide the information to the editor by email to [crystal.barzare@jacobs.com](mailto:crystal.barzare@jacobs.com)**