

Message from the President by Bob Johnston

The business year for the our section has started and we have already announced a local tour at the University of Minnesota. I look forward to that. On a national note, this year the ISA Automation Week is being held in Mobile, Alabama. I highly recommend and hope you find yourself in a position to attend this, or a future ISA Automation Week. Go to ISA.org to find out more about this event

Editor's Notes by Peter Baker

Well everybody, once again I had an amazing summer. It started with the ISA President's Summer Leadership Meeting (SLM) in St. Louis, continued in Portland where I started learning the tricks to mental math (day of the week based on the numerical date only, square of 4 digit numbers mentally etc.) & had a firsthand experience with a very motivated group of FIRST robotics competition winners and then finished with a canoe trip/portage in the Boundary Waters Canoe Area (before the fire restrictions). You can see why I mention some of this as you read on in the Newsletter. Also, I'd like to call your attention to the Board Roster below. This is my last newsletter as editor. Effective the next issue, the Newsletter editor will be Mr. Kim Hovey. We wish him much success in the position and I hope he enjoys it as much as I have. -30-

Your TC-ISA 2011-2012 Board...

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Further info at: www.TC-isa.org

Education Initiatives by Andy Mobley

Welcome to the 2011/2012 education and training year. We are very excited to bring you another year of educational opportunities. The first session, scheduled for November 10, 2011 is:

* MT10C2 - Project Management for Automation Engineers

This course will teach project management as specifically applied to automation projects. Because automation projects require specialized approaches, it is critical for lead automation project engineers to take responsibility for implementing those techniques and approaches; and it is critical for their employers and their clients to ensure that they have both the skills and the motivation to do those tasks, meshing the project leadership/management role with technical work. Since many projects employ levels of project managers, this course will also help you to work effectively with senior project managers who are responsible for high-level planning and other management tasks.

Planning is in process for the following sessions:

* SP25C - Application of Industrial Wireless Systems: Proposed Date - January 2012;

* EC50C - An Introduction to Safety Instrumented Systems: Proposed Date - T.B.D.

* FG05C - Fundamentals of Industrial Process Measurement and Control: Proposed Date - T.B.D.

Detailed descriptions of these courses can be seen on the ISA.org website under Education and Training.

The sessions will be held at::

The Hampton Inn

1000 Gramsie Rd

Shoreview, MN 55126

For more details or to register, contact Andy at T:651-731-4174; E/M awmobley@comcast.net

Mental Math Trick #11

The answer to 11 times any 2 digit number is a 3 digit number comprised of the first and last digits of the 2 digit multiplicand with the middle digit of the answer being the sum of the multiplicand digits. (i.e. $11 \times 54 = 594$) Simple huh?? ^_^

Section Delegate's Report by Peter Baker

This is what transpired at the recent President Summer Leader's Meeting that I attended on behalf of our section.

The ISA President, Mr. Leo Staples introduced the meeting with the following directives: 1/ plan for the future, 2/ discuss, revise & adopt policies where applicable, 3/ meet to discuss specific interests, SIG's and initiatives (CAP, CCST's etc.) Whereas the North American membership has been fairly steady, overseas membership is growing. The global potential is figured to be 1-1.2 million. We currently have ~200,000. This equals: Room for growth. The Society lost money in 2010, but with membership up in 2011, HQ staff reduced and the budget re-aligned we are on track to stem the losses for this year and turn things around.

The ISA Governance model is on track to being reformed.

New Initiatives:

A) A new ISA social media initiative called "ISA Interchange". This will be an on-line 'blog' highlighting instrumentation & automation issues, highlights of applications and other relevant topics. The web address for this is <http://automation.isa.org/>. We would strongly suggest all members add this web address to the Favorites Bar of their Browser. I.S.A. members are encouraged to submit content at: <http://automation.isa.org/submit>.

B/ ISA has formed an active partnership with the FIRST robotics team to actively promote and get involved with mentoring this important initiative.

C/ ISA through the Automation Federation is working with the Veterans Administration to develop training and mentoring programs for all veterans leaving military service. The hope is that with ISA training and mentoring programs, it will facilitate the entry of veterans & other displaced workers into the automation profession.

Stay tuned for more details in future newsletters.

Programs by Bob Kolas

Upcoming Events

***September 29, 2011, 6:00PM**

Seminar/Tour of the U of M St. Paul Campus High Voltage Electrical Distribution & SCADA System

The University will give a tour of their new 13,800 Volt switching station and chilled water plant located at their St. Paul Campus

Location: U of M 1895 Fitch Ave, St. Paul

Followed by a self funded dinner at Muffuletta in the Park, 2260 Como Ave after.

***October, 2011,** (specific date to be determined)

Lapp Tannehill daytime Seminar

A seminar on the latest conductors The seminar, various connectors, distinctive cables, coax, new cat cables and specialty fiber optics.

***November, 2011,** (specific date to be determined)

Target Tour

We plan to tour the top of the Target Downtown Headquarters to see the controls behind light spectacle.

If you think your place of work or business is a good possible site for an ISA seminar or tour, please contact Bob Kolas at (612) 929-5632.

Special Tour... by Peter Baker

St. Anthony Falls Laboratory (SAFL) is part of the University of Minnesota's College of Science and Engineering. Located on Hennepin Island, the Lab conducts cutting-edge fluid mechanics research aimed at finding science-based solutions to major societal challenges in environment, energy, and health fields. Since 1938, they have been collaborating with universities, government agencies, and industry partners from all over the world. Space is limited so reserve early.

When: Friday, October 7th at 4:00PM.

Where: 2 - 3rd Ave. SE Minneapolis, MN.

Map at: <http://www.safl.umn.edu/contact>