



Setting the Standard for Automation™

Overview of the ISA's Technical Divisions

Speaker:

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ISA Hamilton Section

Standards
Certification
Education & Training
Publishing
Conferences & Exhibits

ISA D5 & D13 (Eastern Canada)
District Leadership Conference
May 4-6, 2012 - Sarnia, Ontario

About your Speaker



Graham Nasby, P.Eng., PMP

- System Integrator with Eramosa Engineering
- VP & President-elect for ISA Hamilton Section
- Director-elect of the ISA Water/Wastewater Division
- General Chair for the 2012 & 2013 ISA Waster/Wastewater Symposiums
- Member of the ISA18, ISA101 and IEC/CSC TC65 standards committees
- In 2011 received Control Engineering magazine's "Leaders Under 40" award
- Background in various industry sectors including municipal water/wastewater
- Email: graham.nasby@eramosa.com

Note:

- ISA member since 2004
- Became an active member in 2010 when he joined the ISA18 standards committee
- Became active in ISA Hamilton Section in late-2010
- And then it sort of grew from there....

Overview of ISA Technical Divisions
District 13 & 5 – Joint DLC
May 4-6, 2012 – Sarnia, Ontario, Canada

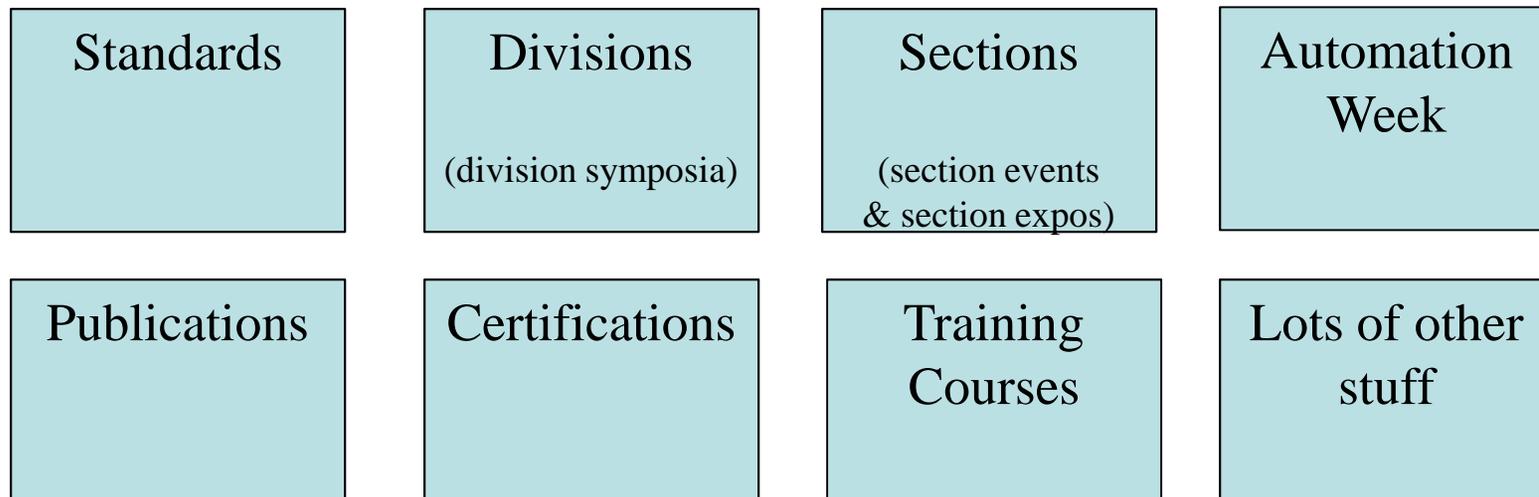
Outline

- Structure of ISA
- What are Divisions
- List of ISA Divisions
 - Industries & Sciences divisions
 - Automation & Technology divisions
- What do they Do
 - Newsletters
 - Discussion Groups
 - Symposia
 - Relationship with Automation Week
- Who belongs to them
- How Divisions contribute to the ISA experience
- Sections & Divisions working together



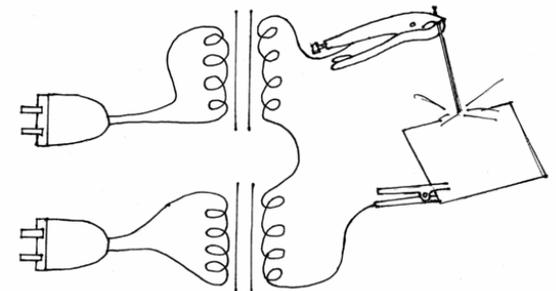
ISA Structure

- ISA is a very large organization with many different parts
- Don't worry, I won't bring up that confusing flow chart



What are Divisions?

- Focused around a technical or application specific area
 - Membership is not geographic in nature (unlike Sections)
 - Division members can be around the world, and often are!
 - Divisions do not have regular monthly meetings
 - Division members communicate through:
 - Newsletters
 - Email discussion lists
 - Division websites
 - Sharing technical papers
 - Annual symposia
-
- Divisions are each focused on a specific area





List of ISA Divisions

Industries and Sciences

Aerospace Industries Division (ASD)
Building Automation Systems Division (BASDIV)
Chemical & Petroleum Division (ChemPID)
Construction & Design Division (CONDES)
Education Division (EDD)
Food & Pharmaceutical Division (FPID)
Glass & Ceramics Technical Interest Group
Mining & Metals Division (MM)
Power Industry Division (POWID)
Pulp & Paper Division (PUPID)
Textiles Technical Interest Group (TTIG)
Water & Wastewater Division (WWID)

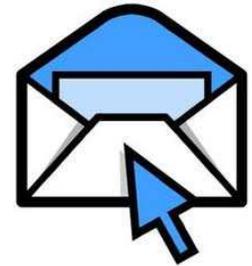
Automation and Technology

Analysis Division (AD)
Automatic Controls & Robotics Division (ACARD)
Communications Division (CommDiv)
Management Division
Process Measurement and Control Division
Safety Division (PMCD)
Test Measurement Division (TMD)

ISA members can belong to one I&S division and one A&T division at no extra cost. Additional divisions are \$10/year.

What do Divisions do? – slide 1 of 2

- Regular Newsletters (1 or 2 per year, or quarterly)
 - e.g., PMCD newsletter is 6 pages once per year
 - e.g., WWID newsletter is 40 pages and is published quarterly
- Email “listserv” discussion lists
 - Some division “listservs” have hundreds of messages per month
- Sharing Technical Papers
 - Sharing technical papers from past division symposia
- Division websites & conference calls
 - Because members are around the globe, websites and conference calls are often used



What do Divisions do? Answer: Symposia

- Divisions are focussed around technical information
- The more active divisions hold annual symposia

16-17 April – ISA Communications Division / ISA100 Wireless Automation Workshop

22-26 April – ISA Analysis Division Symposium (AD)

25-26 April – ISA Safety & Security Division Symposium (SAFETY)

14-16 May – ISA Leak Detection and Repair – Fugitive Emissions Symposium (LDAR)

3-8 June – ISA Power Industry Division Symposium (POWID)

4-8 June – ISA International Instrumentation Symposium (IIS)

5-7 June – ISA Communications Division Symposium (CommDiv)

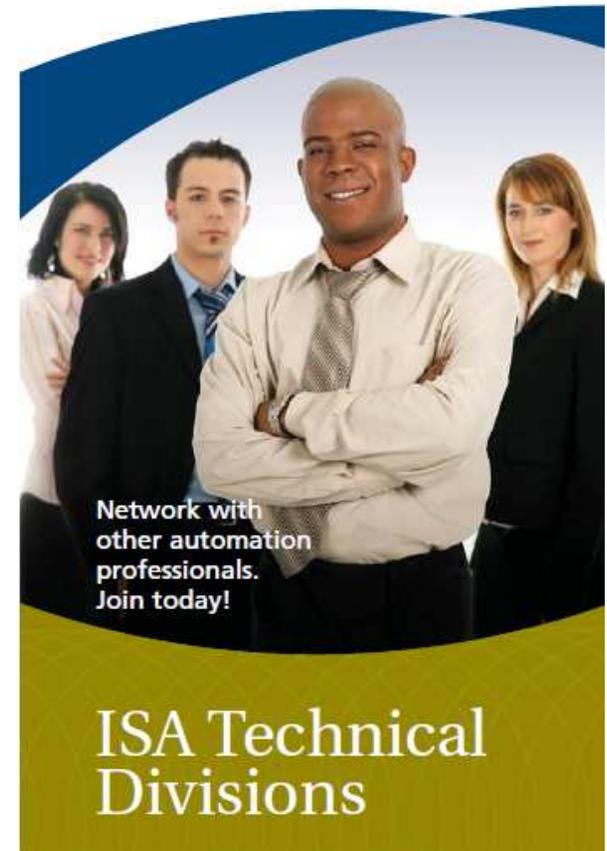
7-9 August – ISA Water/Wastewater and Automatic Controls Symposium (WWAC)

15-17 August – ISA Marketing & Sales Summit (M&SS)

- Divisions also contribute technical content to ISA Automation Week

Who Belongs to ISA Divisions

- Short answer: Most ISA members
- ISA members can join two divisions for free
- Sections are great for local networking
- Divisions are great for Industry/technology specific knowledge-sharing & networking
- Automation Community Members can also join divisions for \$10/year
- People who go to the SLM & FLM meetings often end up getting involved with Divisions
- Divisions are a vital part of what the ISA offers



Divisions and the ISA Experience

From the ISA website:

- Exchange information through exclusive e-mail discussion lists
- Receive information-packed newsletters with timely technical articles and news
- Meet and communicate with your peers at Division Technical Symposia
- Write, review, or present technical papers for ISA publications
- Sharpen your leadership skills by helping plan and conduct Division events
- Gain access to exclusive Division Websites loaded with useful content

In practical words:

- Divisions are focussed around technical content
- Sections are focussed around local networking & local knowledge
- Standards Committees are really, really focussed on technical content
- Together, with the other parts of the ISA, offers a full member experience

Sections & Divisions Working Together

- Divisions are focused mainly around a specific technical area
- Sections are each active in a specific geographic area
- When a division holds a technical symposium, the local ISA section is a huge asset to have on their team
- Divisions, and division members, are a great source of speakers for section member meetings
- The leadership development experiences in both sections and divisions are transferrable. Both are great learning opportunities
- The Leaders Meetings (FLM & SLM) are a great time for section and division leaders to meet face to face



Summary

- Divisions are one to the many parts of the ISA
- Divisions are focussed around specific technical areas
- Most ISA members belong to at least 2 divisions
- There are currently 17 different ISA divisions
- Divisions offer: newsletters, listserv discussion groups, technical papers, websites, and annual symposia
- There are 9 different annual division symposia, each with its own focus
- There are many collaboration opportunities for sections & divisions