

Why Reference Models are Crucial for e-Logistics

Date: **Thursday, December 20, 2012**

Time: 12:00pm - 1:00pm

Speaker: David A. Marca, OpenProcess, Inc.

Agenda: Informal networking will begin at 11:30am.

Presentation will begin at 12:00pm.

Location: Promega BioPharmaceutical Technology Center
5445 E Cheryl Pkwy, Room Number: 122
Fitchburg, WI 53711



Menu: Lunch meal provided: \$5 for IEEE members, \$10 for non-members, **free for students.**

RSVP: Deadline: Dec. 17. Go to https://meetings.vtools.ieee.org/meeting_view/list_meeting/15581 to register. Please send questions or difficulties to CJ Gervasi at cj@cgersvasi.com

Non-member guests are always welcome!

Abstract

The three European Union (E.U.) next generation e-logistics projects are: iCargo (cargo), e-Freight (containers), and SAFEPOST (postal items). The goal of these projects is to develop: a) frameworks, b) reference models, and c) demonstrators for the electronic support of safe and efficient transport of cargo, containers, and postal items throughout the E.U. At this point in time, these initiatives are beginning to undertake the development of technology demonstrators to validate issues with the current transport process, and to prototype working, small-scale solutions for solving those issues. This talk will walk you through the e-Freight initiative's: a) framework, b) reference model, and c) a functional specification of one of its demonstrators. You will see how reference models are the crucial linchpin between intended standards (i.e. the frameworks) and technology prototypes (i.e. the demonstrators), because they ensure a complete and consistent mapping between needed standards and proposed prototypes.

Biography

David A. Marca is president and founder of OpenProcess, Inc., a consulting firm specializing in strategic planning, systems analysis and design, and e-Business. David is also a certified faculty member for the University of Phoenix Online School, and is on the adjunct faculty of Edgewood College's School of Business and Computer Science Department. His six books and 27 papers cover e-Business, business process design, workflow, and software engineering. His latest book with the IEEE is "Open Process Frameworks: Patterns for the Adaptive e-Enterprise". David also holds a patent in workflow technology, and is a Senior Member of the IEEE and ACM.

IEEE Entrepreneurs & Consultants Network, Madison Networking Meeting

Date: **Thursday, December 6, 2012**

Time: 12:00pm to 1:00pm

Purpose: Presentation, topic TBD.

Location: **Sector67** (East Side of Madison)
2100 Winnebago Street
Madison, 53704

Parking: Park in lot or on Winnebago Street.

Process: Members are encouraged to make introductions, describe endeavors, and make request for: contacts in target companies, needs, resources. Bring your elevator speech and rolodex!

RSVP: Tim Chapman (PrettyGoodGUIs@TrueNym.NET), 608-206-2570

Vol. 15, No. 11

Serving IEEE Members of South Central Wisconsin

December 2012

SECTION Meetings

The third Thursday of Jan.-May and Sep.-Dec. is reserved for a meeting to provide recent research, developments, trends and/or innovations in one of our membership's technical areas.

NETWORKING Meetings

The first Thursday of even numbered months is reserved for a meeting to provide networking opportunities for members who are consultants or entrepreneurs. Bring your elevator speech and rolodex!

Section Meeting Schedule for 2012 (schedule subject to change)



January 19, EU e-Freight Software Initiative
February 16, Patent Law
March 15, Reverse Electrowetting
April 27, Signal Processing
May 17, Electricity Nanogenerators
May 22, Annual Wind Farm Tour
August 16, Why does my Design fail EMC?
September 20, Optimal Inductor Solutions
October 18, International Trademarks
November 7, Ethics Training Seminar
November 16, Unraveling Tornadoes

December 20, Why Reference Models are Crucial to e-Logistics by David Marca

Networking Meeting Schedule for 2012 (schedule subject to change)

February 2, TBD
April 5, TBD
June 7, TBD
August 2, TBD
October 4, TBD
December 6, TBD

Storm Chasing Talk

Last month, Dr. Tanamachi talked to us about how she became fascinated with tornadoes as a child, and now has a job chasing storms to collect scientific data. Website: <http://tornatrix.net/>. Talk: <http://www.element14.com/community/community/news/blog/2012/11/19/storm-chasers>.

Ethics Seminar

Last month's ethics seminar had space for 60 people and filled up quickly. Many of you contacted the organizers to be added to the waiting list. We are working on another seminar in 2013, at some point well before the deadline for Wisconsin PEs to submit the PDHs. This time IEEE members will be able to register first, to ensure members will not be able to attend in the event it fills up again.

Officers and Elections

Vote by Dec. 19. Go to: voting.vtools.ieee.org and log in with your IEEE login. If you would like to get more involved and help run the Madison Section of IEEE, please contact any of the officers.

Hurricane Sandy

The IEEE e-mailing system was down for weeks due to Hurricane Sandy. As a result, we had to send out messages using an old list. Some of you may have received duplicate e-mails once the system came back. The system is working again, and you should now only see 2 e-mails per month.

2012 Acknowledgements

A big thanks to all of the professional and student members of the Madison Section for your Involvement and contributions this year.

Thanks also to the Section Offices and Executive Committee for their hard work in providing the Section with important professional training and interesting speakers and tours, and managing the Section's finances.

SELECTION OF OFFICERS

At the December monthly meeting, the IEEE Madison Section conducts its annual officer elections prior to the Presentation. **Vote by 12/19.** Go to: voting.vtools.ieee.org.

JOB BOARD AREA (NEW!)

Check out www.WIEES.com for electrical engineering jobs in Madison and the surrounding region. This site is maintained as a service for electrical engineers.

Jobs are displayed starting with the most recent postings first. You can filter results by location and job type. If you are hiring an electrical engineer in our area, for full-time or contract work, you can post the job in the Contact Us section.



Election of 2013 Officers

It's that time of year again for Section members to VOTE for candidates for next year's Board of Directors. **Vote by 12/19.** Go to: voting.vtools.ieee.org and log in with your IEEE login.

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Background Information. The recent introduction to the market of "inductive" wireless chargers and wireless power pads has created some misunderstanding and misapplication of EMC and Product Safety regulations. How these regulations apply to these devices depends on how the devices operate at various frequencies and whether or not there is any wireless communication present. Careful attention must be taken to ensure that the correct regulations are applied and tested to, and the correct procedures for regulatory compliance have been followed.

For more information, contact: www.dlsemc.com/Qi 847-537-6400.

IEEE Membership Level Upgrades

Those interested in upgrading their IEEE membership level should send their resumes or other information showing five years of significant performance in an IEEE-designated field to Charles J Gervasi (cj@cgervasi.com). Madison Section Board will attempt to find Senior IEEE members knowledgeable in the applicant's area of practice who may be able to provide references. You are invited to attend the informal networking portion of the monthly Section meetings (starting at 11:30am) to meet the Section Board members and discuss intentions.

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Online at <http://ieee-msn.truenym.net/>

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For more information, contact Mitch Bradt at 608-263-1085 or bradt@wisc.edu.

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