

IDEF0/SADT: General Systems Modeling – A Lost Art?

Date: **December 16, 2010**
Time: 11:30am to 01:00pm
Speaker: David Marca, President, OpenProcess, Inc.
Agenda: Informal networking will begin at 11:30am.
Mr. Marca's presentation will begin at 12:00 noon.



Location: Promega Corporation
5445 East Cheryl Parkway
Fitchburg, WI 53711 ... telephone: 608-277-2669



Menu: Pizza buffet, salad, and pop will be available: \$5 for IEEE members, \$10 for non-members.
RSVP: by October 18 to Charles Gervasi (cj@cgervasi.com). Register online at:
http://meetings.vtools.ieee.org/meeting_view/list_meeting/3415

Non-member guests are always welcome!

Abstract

IDEF0 (ICAM Definition Method Zero), the non-proprietary subset of SADT (Structured Analysis and Design Technique), was a U.S. Air Force and U.S. government standard for almost three decades. It has the capability to functionally describe any system, regardless of type: natural, biological, electrical, mechanical, industrial, military, financial, computer, political, etc. The technique is a combination of graphics, natural language, and hierarchical decomposition, plus rules for: distinguishing controls from transformations, relative context coding, function activation, and annotation, plus heuristics for authorship, readership, model complexity management, and project management. In this presentation, you will receive a very brief overview of the technique, but more importantly, ***you will have a direct experience of general systems modeling.***

Biography

David Marca is president and founder of OpenProcess, Inc., specializing in strategic planning and e-Business consulting. He is also a professor for the University of Phoenix Online School. 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." He holds a patent in workflow technology, and is a member of the IEEE.

IEEE Entrepreneurs & Consultants Network (ECN), Madison Section - Networking Meeting

Date: December 2, 2010
Time: 11:30am to 1:00pm
Purpose: Networking for projects, needs, resources. Special topics vary.
Agenda: Informal networking will begin at 11:30am.
Location: Madison Area Technical College (MATC, Truax Campus)
3550 Anderson Street, Room 141A
Madison, WI 53704 ... Telephone: 608-246-6100
Parking: In the gated lot (click logo for parking map).
At gate, click speaker phone and tell attendant that you are going to the IEEE meeting.
Process: Members are encouraged to make introductions, describe their consulting or entrepreneurial endeavors, and make requests for: contacts in target companies, needs (e.g. lab space, special machinery, etc.), and human resources. Bring your elevator speech and rolodex!
RSVP: Tim Chapman (PrettyGoodGUIs@TrueNym.NET)



Monthly 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.

Section Meeting Schedule for 2010

(schedule subject to change)



(past) **January 28**, Wind Power Half-Day Seminar.

(past) **February 18**, Growing Your Business through Government Sales.

(past) **March 18**, Why Doesn't My Electricity Come from the Sun? Future Materials for Harnessing Solar Energy.

(past) **April 15**, Building Accessibility Directly into the Global Internet: Making the Internet Easier to Use for People of All Ages and Abilities.

(past) **May 5**, Sustainable Thinking in an Age of Energy Challenges.

(past) **August 19**, Magnetic Reversal at the Nanoscale.

(past) **September 16**, Why Materials Degradation Is Different In Nuclear Systems.

(past) **October 21**, Social Networks and e-Business.

(past) **November 8**, A Signal-Processing Approach to Modeling Vision, and Applications.

December 16, IDEF0/SADT: General Systems Modeling – A Lost Art?

Voting for 2011 Board members to occur at this meeting. See ballot on last page.

Monthly Networking Meetings

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

Networking Meeting Schedule for 2010

(schedule subject to change)

(past) **January 7**, Growing Your Business through Government Sales, plus Networking meeting.

(past) **February 4**, Tour of MATC Truax campus, plus Networking meeting.

(past) **March 4**, Networking meeting.

(past) **April 1**, Overview of ECN LinkedIn Group, plus Networking meeting.

(past) **May 6**, Networking meeting.

(past) **June 3**, The Process of Networking, plus Networking meeting.

(past) **July 1**, Networking meeting.

(past) **August 5**, Networking meeting.

(past) **September 2**, Networking meeting.

(past) **October 7**, Innovation Briefing: Using Artificial Intelligence to improve e-Marketing, plus Networking meeting.

(past) **November 4**, Networking meeting.

December 2, Networking meeting.

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Serving IEEE Members of South Central Wisconsin

December 2010

Section Notes

1) Just a reminder that voting for 2011 Section Board members will take place in December. See last page for ballot.

2) If you cannot make the December meeting, please vote! Send an email with your vote to Charles (CJ) Gervasi: cj@cgervasi.com.

Nominations for Officers

At the December monthly meeting, the IEEE Madison Section will conduct its annual officer elections prior to the presentation.

The positions include chair, vice-chair, secretary, treasurer, and multiple member-at-large positions.

Nominations may still be Made via e-mail to a any current Board member:

Dennis Bahr:

bahr@inxpress.net

Mitch Bradt:

bradt@wisc.edu

Charles (CJ) Gervasi:

cj@cgervasi.com

Craig Heilman:

craigh@bugsoft.com

Clark Johnson:

clarkjohnson@cpinternet.com

David Marca:

dmarca@openprocess.com

Sandy Rotter:

rotter@ieee.org

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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.

Board Members

Sandy Rotter	Chair
David Marca	Vice Chair
Charles Gervasi	Secretary
Mitch Brandt	Treasurer
Clark Johnson	Member at Large
Dennis Bahr	Member at Large
Craig Heilman	Webmaster
Timothy Chapman	Webmaster

IEEE Madison Section Newsletter

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For address changes: notify IEEE headquarters at: <http://www.ieee.org/> or address-change@ieee.org. For editorial comments, contact David Marca at: dmarca@openprocess.com.

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Our members have professional interests in computers, power engineering, signal processing, communications, industry applications and a number of other technical fields

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

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1/2 Page (7x4.5 or 3.5x9)	\$205	\$192	\$185	\$183
Full Page (7x9)	\$330	\$315	\$306	\$303

This is a sample ballot. The final will be given at the 12/16 meeting. If will cannot attend, but wish to vote, please email your votes by 12/16 to Charles J Gervasi (cj@cgervasi.com). Thanks!

SECTION OFFICERS

Chair

David Marca.....
Write-In.....

Please place an "X" to indicate a vote in favor of election.

Vice Chair

Write-In.....

Please place an "X" to indicate a vote in favor of election.

Treasurer

Charles (CJ) Gervasi.....
Write-In.....

Please place an "X" to indicate a vote in favor of election.

Secretary

Write-In.....

Please place an "X" to indicate a vote in favor of election.

Web Master

Timothy Chapman.....
Write-In.....

Please place an "X" to indicate a vote in favor of election.

Members-at-Large

Dennis Bahr.....
Mitch Bradt.....
Craig Heilman.....
Clark Johnson.....
Sandy Rotter.....
Write-In.....

Please place an "X" to indicate a vote in favor of election.

VENUE FOR ENTREPRENEURS AND CONSULTANTS NETWORKING

ECN Venue

Truax Campus.....
Downtown Campus.....
West Campus.....

Please place an "X" to indicate a vote for best venue.

Truax Campus Address

3550 Anderson St.
Madison, WI 53704

Downtown Campus Address

211 N. Carroll St.
Madison, WI 53703

West Campus Address

302 S. Gammon Road
Madison, WI 53717