



Don't miss out on the March 13th Greenheck Plant Tour and PDM - Lean Plant Layout

Scholarship fund details and application can be found inside!

Central Wisconsin Chapter

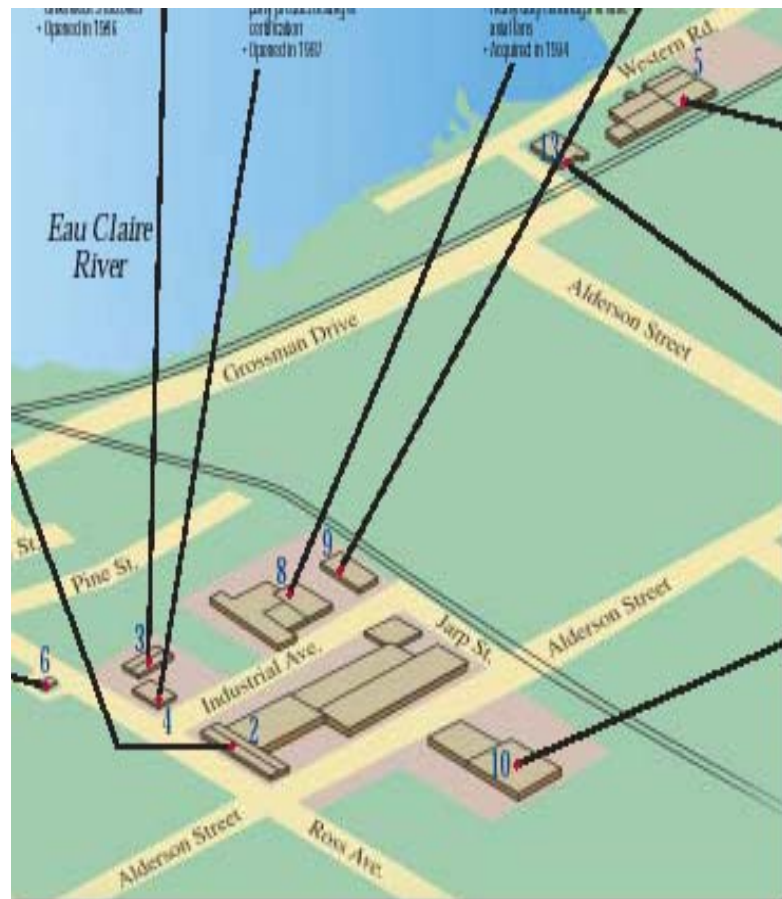
February 2007

Visit our web site at <http://www.apicscwi.org> and find out what you're missing!

March 13th Greenheck Plant Tour and PDM

On March 13th at 4:00 PM, Greenheck will host a plant tour of the Louver Plant in Schofield. This is facility 5 in the Greenheck Schofield campus and the address is 525 Western Road. A map is provided below for reference and direction. Please park and enter on the north side of the building. The main feature of the tour will be the new SRS system (automated storage and retrieval system) made by Greenheck for the purpose of storing and delivering to production the 20 foot long aluminum extrusions used in the manufacture of the Louver products. Along with the viewing of the SRS in action, you will also see the revised plant that used the principles of Lean for it's restructuring.

Please join us for the tour and the PDM. The PDM, to be held after the tour, will comprise of a short presentation on how the process of Lean was applied to the plant re-layout and a group of Greenheck employees to answer your questions during the panel discussion.



Take Alderson Street to Grossman Drive and turn right on Grossman. Go over the railroad tracts to Western Road and turn right on Western. Go to the north end of Facility 5 and park. There will be a sign on the door of the building to indicate where to enter.

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APICS ANNOUNCEMENTS

50th Anniversary News:

In 2007, we celebrate the 50th anniversary of the founding of APICS The Association for Operations Management. This important milestone provides us with an opportunity to reflect on all our accomplishments—but we need your help.

As we work to compile a thorough archive of the organization's achievements, we will rely on our chapter and region leaders to provide us with significant photographs (with captions) and other important APICS memorabilia from the last 50 years. Please send an e-mail to editorial@apics.org, and let us know what items have to share. They will be returned. Your contributions are invaluable to the celebration.

Feel free to forward this to colleagues who may have contributions. Please send all contributions to editorial@apics.org

Meeting Agenda

Date: *Tuesday March 13, 2007*

Speaker: *Greenheck Panel*

Where: *Dale's Weston Lanes
5902 Schofield Ave
Weston, WI 54401*

Agenda:

*4:00 - 5pm Tour – Greenheck
5:15 – 5:30 pm – Social
5:30 – 6:00 pm – Introductions
6:00 – 6:45 pm – Dinner
7:00 – Close – Guest Speaker*

Cost: *\$14.00 Student/Retiree
\$22.00 Member
\$25.00 Non-member*

RSVP: *Noon on Thursday March 8th, 2007*

(To RSVP please see the insert. APICS is responsible for payment after the registration is made. Payment will be required in full if cancellations are not made by 5:00 PM the Friday prior to the meeting.)

2nd Annual - Central Wisconsin Chapter Scholarship

- 1) Central WI chapter or APICS annual student paper competition.
- 2) One Scholarship open to any freshman or sophomore currently or planning on attending business classes in the fall.
- 3) Local Chapter manages funds
- 4) Student will be presented with the scholarship at a Central WI Chapter PDM.
- 5) A scholarship fund donation box to be set up and presented at every PDM.
- 6) Donations and Thank You, including the names and donation amounts, will be printed in the Chamber of Commerce Flyer, Chapter Web Site and the APICS Newsletter.
- 7) Applicant must:
 - Be an APICS student member and/or
 - Be in an operations degree or
 - Be working on or planning to work on a business degree with interest in OPS management, AND
 - Have a 'B' average or above
- 8) The application contains standard information (name, address, current school attending, schools accepted at, major, other interests, professional and educational resume' including APICS involvement and educational accomplishments, etc.)
- 9) A written statement by the candidates, which describe their long-term educational and career goals with submission or "Why I want a career in Supply Chain Management". (This is included with the application and may be used as tie-breaker if necessary)
- 10) Applicant must write a paper titled "APICS and what it can do for me". (This is the paper to be presented)
- 11) To determine the recipient of the scholarship, papers are to be submitted to the BOD. The BOD then selects the best paper submitted.
- 12) The recipients are invited to one of the chapter's Professional Development Meetings for recognition of their accomplishment and presentation of their paper.
- 13) The committee would decide if an applicant could win more than once.
- 14) Put APICS Scholarship on the web site and link to partnering websites.
- 15) Publish "APICS and what it can do for me" on chapter website and publish in newsletter
- 16) Submissions for consideration in this contest must be made by April 30th -2007

Scholarship Application and Biographical Information APICS Central Wisconsin Chapter

This biographical information is for use by the Central Wisconsin Chapter of APICS. It will be used as a source of information on scholarship recipients, as a reference in the preparation of news releases, and for information supplied to donors of the scholarships.

PLEASE PRINT THE FOLLOWING:

Name: _____
(Last) (First) (Middle)

Address: _____
(Street / P.O. Box)

Telephone Number: _____
(Area Code) (Number)

College Major: _____ Expected Graduation Date: _____

High School: _____



Honors and Awards: _____

Community and Civic Activities: _____

Other Activities, Clubs, Sports, etc: _____

Career Objectives: _____

If additional space is needed, please attach separate sheet(s) to this form.

I, the undersigned, certify the information provided on this form to be accurate and correct. I authorize the Central Wisconsin Chapter of APICS to release any information, which may be required for the scholarship to determine my eligibility to receive scholarship assistance, and to use the information in the preparation of news releases.

Date: _____ **Signature:** _____

Please mail completed form to:

APICS Central Wisconsin Chapter
Attn: Scholarship Application
P.O. Box 1351
Wausau WI 54402-1351



Tracing and Tracking with RFID

Radio frequency identification (RFID) technology is the stuff of claims and counterclaims. Wal-Mart and the Department of Defense are demanding RFID compliance from their suppliers. But varying standards and high tag costs get in the way. RFID promises superior end-to-end supply chain product tracking. But liquid-based product, product near metal structures, and multiple products being read simultaneously present significant technical challenges to the RFID tag manufacturers.

The size of an RFID tag is largely determined by the size of its antenna. When a passive RFID tag is swept with radio frequency energy, its antenna captures some of this energy that is converted into a brief burst of power for the tag's microprocessor chip. The chip transmits an identification code back through the antenna to be picked up by a local receiver. The received code is then used to access a server file that can hold a large and changing amount of information about the RFID-tagged item.

This is fundamentally different from a bar code label where the label must be physically large enough to hold all of the desired information in bar code. In the January 16 edition of *APICS e-News*, Wally Klatch, CPIM, provided a bar code perspective on some key considerations beyond the issue of label or tag size. Among the criteria for evaluating the use of RFID versus bar code are:

- **Standards.** RFID standards are under development and somewhat dynamic.
- **Placement.** An RFID tag can be read without a visual connection.
- **Reliability.** A number of factors affect RFID tag read rates including metals or liquids near the tag, “middle carton” placement of an RFID tag on a pallet, and so forth.
- **Compatibility.** Some suppliers are being mandated by customers to implement RFID independent of the internal value for the company.
- **Privacy.** Privacy issues have been raised related to RFID tags that remain on the product after it has been purchased.
- **Cost.** The cost of an RFID tag with its antenna and microprocessor chip is more expensive than a paper label with a bar code in ink.
- **Counterfeiting.** RFID is a more effective tool against product counterfeiting because the RFID tag can be imbedded within the product and cannot be changed.
- **Scanning Complexity.** RFID has the capability of reading multiple tags simultaneously, across a distance of up to 90 feet, and with great flexibility as to the exact physical relationship between the reader and the tag.

While RFID tags are very useful for tracking the flow of material throughout the network from a distance, the more interesting application of RFID lies in the tracing of high-value product, for example, pharmaceuticals. How would you know whether or not the drugs inventoried on your pharmacist's shelf are counterfeit? This is a big problem in an era when patent protection is expiring, medical insurance is paying for less, and the market is being flooded with inexpensive generics and fake product. Because the product file is kept on a secure server, successive readings of an RFID tag can be used to document the exact path and time/date stamp of product flow from the manufacturer through distribution to the retail pharmacy. Counterfeit product introduced midstream is not able to access the server to connect the path from manufacturer to retailer. The retailer can always interrogate the product file to trace back the origin of each individual bottle of pills.

Just as the coming of television threatened to overpower radio, some may think the coming of RFID signals the end of bar code. But each technology has its place based on cost, tag, label size, and application.

—William T. Walker, *CFPIM, CIRM, CSCP*, author of *Supply Chain Architecture: A Blueprint for Networking Material, Information, and Cash*, can be reached via e-mail at billwalker@primeisp.net

What's Happening at the - APICS Fox Valley Chapter

Date of PDM	Location	Pre-Dinner Speaker/Topic	PDM Dinner Speaker/Topic
Tuesday March 13th	Joint Mtg ISM	Transportation Basics	Networking for Transportation Savings
Tuesday, April 17th	TMN	Tour SCA Tissue	Mike Jansen - SCA Tissue, VP of Supply Chain Management

For more information including presentation details, speaker bios, and directions to the PDM locations, please visit our website at: www.apicsfv.org

RSVP

**Central WI APICS Chapter
Professional Development Dinner Meeting**
Meeting: March 13th, 2007
*Reservations Must be Received by March 5th,
2007*

Visit our web site at <http://www.apicscwi.org> to
Register OR

Call the automated attendant at (715) 842-5666 extension 1566.

Be sure to leave the following information:

- ♦ Name of person(s) attending
- ♦ Company name
- ♦ Whether each is member / non-member / student

OR

E-Mail or Fax to:

Vicky Schaefer at Kolbe & Kolbe

E-Mail: vschaefer@kolbe-kolbe.com

Fax: (715) 847-0737

Company _____

Please indicate member (M), non-member (NM), or student (S)

Name	March Dinner	March Tour	M NM S

Feb. 2007

APICS Central Wisconsin Chapter, Inc.
P. O. Box 1351
Wausau, WI 54402-1351

President

Russ Stowell
Kraft Foods NA
1007 Townline Road
Wausau, WI 54402-8018
(W) 715-849-6251
(F) 715-849-6214
russell.stowell@kraft.com

Treasurer

Kay Brushaber
Kolbe & Kolbe
1323 South Eleventh Avenue
Wausau, WI 54402
(W) 715-847-0579
(F) 715-842-2863
kbrushaber@kolbe-kolbe.com

Secretary

Pamela Nyman, CPIM
Greenheck Fan Corp.
P.O. Box 410
Schofield, WI 54476-0410
(W) 715-355-6494
(F) 715-355-6545
pamela.nyman@greenheck.com

Past President

Jerry Olson
Kolbe & Kolbe
1323 South Eleventh Avenue
Wausau, WI 54401
(W) 715-847-0606
(F) 715-842-2863
Jolson@kolbe-kolbe.com

Member at Large

John Grant
HOOPS, Inc.
3205 Terrace Court
Suite 102
Wausau, WI 54401
(W) 715-842-5523
(F) 715-842-5524
jgrant@hoopsinc.com

Programs/Facilities

Coordinator

Vicky Schaefer, CPIM
Kolbe & Kolbe
1323 South Eleventh
Avenue
Wausau, WI 54401
(W) 715-847-1566
(F) 715-847-0737
vschaefer@kolbe-kolbe.com

Publicity

Pat Kelly

Greenheck Fan Corp.
P.O. Box 410
Schofield, WI 54476-0410
(W) 715-355-6494
(F) 715-355-6545
patrick.kelly@greenheck.com

VP of C-Bar

Ryan Andrews

Greenheck Fan Corp.
P.O. Box 410
Schofield, WI 54476-0410
(W) 715-355-6494
(F) 715-355-6545
ryan.andrews@greenheck.com

VP of Membership

Jean Slaktoski, CPIM

Gordon Aluminum
1000 Mason St.
Schofield, WI 54476
(W) 715-359-6101
(F) 715-359-5468
jeans@gordonaluminum.com

Member At Large

Scott Pettit, CPIM
Hurd Windows and
Doors Inc.
575 S. Whelen Ave.
Medford, WI 54451
Phone 715-539-8395
Cell – 715-539-8395
Email –
spettit@2behurd.com

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out what you're missing!