

*"MISSION STATEMENT: To educate and promote professionalism to meet the Resource Management needs of Western New York Organizations."*

# APICS



**Educational Society for Resource Management**

Monthly Newsletter • Buffalo Chapter No. 21

February 2004

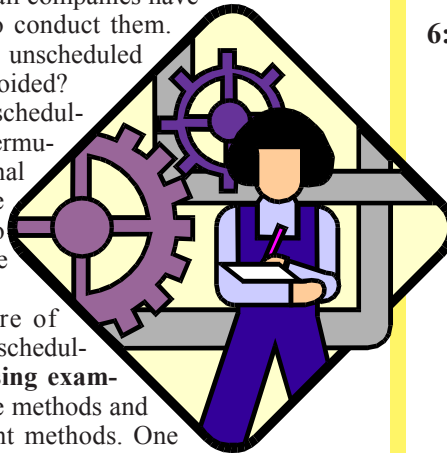
## Optimized Production Scheduling

**Sequencing and scheduling play a crucial role in the timely and cost-effective production of manufactured goods or delivery of services.**

These activities are so common that almost all companies have this function and have established methods to conduct them. Yet repeatedly missed due dates and expensive unscheduled overtime are experienced. Can this be totally avoided?

Mathematically speaking, sequencing and scheduling are notoriously hard problems due to the permutation of operations and "celestial computational time" is required to find the optimal schedule for most realistic scheduling problems. It is no surprise that heuristic and ad hoc methods are often the only resort.

This presentation will explore the nature of scheduling problems and the benefit optimized scheduling can bring to manufacturing operations. **Using examples from local companies**, we will explore the methods and software that can significantly improve current methods. One example is sequencing coils in metal manufacturing. Another example is from an injection molding facility.



**Speaker: Rakesh Nagi, Ph.D**

Dr. Nagi is a consultant to The Center for Industrial Effectiveness. His professional experience emphasizes facility layout and local optimization, flow, space and activity relationship, material handling systems, cycle time reduction, hierarchical product management, MRP/ MRPII, ERP, JIT operations scheduling, logistics and supply chain management, group technology, life-cycle engineering, design standardization, object-oriented modeling of business and engineering functions, visual basic, C++, relational and object oriented databases.

His consulting clients include: AVX Corporation, American Axle & Mfg., Buffalo Weaving & Belting, Fisher-Price, Gemcor, Graphic Controls, Delphi Harrison, Praxair, SUNY@Buffalo, U.S. Army, Westinghouse, and Xerox.

Dr. Nagi is currently associate professor in the Department of Industrial Engineering at SUNY @ Buffalo. He received his M.S. in 1989 from the University of Maryland in mechanical engineering. His Ph.D studies were at the University of Maryland & Systems Research Center.

Next PDM ...

**Wednesday,  
February 18, 2004**

**Holiday Inn - Airport**  
4600 Genesee Street, Cheektowaga

**5:30 Registration**

**6:00 p.m. Welcome/Announcements**

**6:15 p.m. Dinner**

**7:00 p.m. Speaker**

### **Menu**

French Onion Soup  
Rolls & Butter  
Caesar Salad  
Au Gratin Potatoes  
Broccoli Polonaise

### **Choice of:**

- 1) Open Strip Steak over Garlic Toast  
or
- 2) Chicken Parmesan with side of  
Angel Hair Pasta  
Chocolate Mousse  
Coffee, tea & decaf

### **Cost**

\$25.00 Members  
\$30.00 Guests  
\$15.00 Students &  
Unemployed or Retired Members

For reservations,  
**log-on to [www.apics-buffalo.com](http://www.apics-buffalo.com)**  
or call APICS at  
PPM Business Office,  
648-0972 or fax 646-1599  
by Mon. Feb. 16th.  
**\*\*\* Please let us know your  
entree choice.\*\*\***

# APICS -Educational Society for Resource Management • Buffalo Chapter #21

PO Box 888 • Hamburg, NY 14075-0888  
Phone: (716) 648-0972 • Fax: (716) 646-1599  
Website: www.apics-buffalo.com

## APICS-Buffalo's Board of Directors 2003-2004

### **PRESIDENT:**

Ed George, CFPIM  
71 Palmer Avenue  
Kenmore, NY 14217  
716/876-3837  
egeorge43@yahoo.com

### **VICE PRESIDENT:**

Karen Brandau, CPIM  
Husky Injection Molding Systems Inc.  
55 Amherst Villa Road  
Buffalo, NY 14225-1432  
716/630-7257 • Fax: 716/630-7350  
kbrandau@husky.ca

### **SECRETARY:**

Phyllis Kelkenberg  
Delphi Harrison Thermal Systems  
100 Upper Mountain Road  
Lockport, NY 14094  
716/439-2393  
phyllis.a.kelkenberg@delphi.com

### **TREASURER:**

Michael Ervin, CPA  
Freed Maxick & Battaglia  
800 Liberty Building  
Buffalo, NY 14202  
716/847-2651 • Fax: 716/847-0069  
mike.ervin@freedmaxick.com

### **PROGRAM DIRECTOR:**

Bill Helfrich, CPIM  
116 Tanglewood Drive  
Orchard Park, NY 14127  
716/662-7927  
bh7831@aol.com

### **ARRANGEMENTS DIRECTOR:**

Patrick McGovern, Jr.  
QBC Systems, Inc.  
25 Hazelwood Drive  
Buffalo, NY 14228-2281  
716/691-5201 • Fax: 716/691-3390  
patrick@qbc.com

### **MEMBERSHIP & COMPANY COORDINATOR DIRECTOR:**

Fred Vigars  
53 Marlin Drive  
West Seneca, NY 14224  
716/674-0730  
vigars5@att.net

### **STUDENT CHAPTER DIRECTOR:**

Rick Haniszewski, CPIM  
Fisher Price/Mattel  
636 Girard Avenue  
East Aurora, NY 14052-1824  
716/687-3951 • Fax: 716/687-3098  
rick.haniszewski@fisher-price.com

### **EDUCATION DIRECTOR:**

Adele Waters, CPIM  
Scott Aviation  
27 Walter Winter Drive  
Lancaster, NY 14086  
716/686-1558 • Fax: 716/686-1493  
awaters@tycoint.com

### **PLACEMENT DIRECTOR:**

Tom Achatz, CPIM  
12751 Saw Mill Run Road  
Frewsburg, NY 14738  
716/569-4456  
tomachatz@yahoo.com

### **MEMBER MARKETING DIRECTOR:**

Tim Steenberg, CPIM  
Flex-O-Vit USA Inc.  
1305 Eden-Evans Center Road  
Angola, NY 14006  
716/549-5100, ext. 226  
tsteenberg@flexovitabrasives.com

### **MARKETING & SEMINAR DIRECTOR:**

Wayne C. Forrest  
Wayne C. Forrest & Associates, LLC  
223 Cherrywood Drive  
Amherst, NY 14221-1504  
716/689-9267  
WCFAssociates@aol.com

### **WEBSITE:**

John Neureuter, CPIM, CIRM  
Edwards High Vacuum  
3279 Grand Island Boulevard  
Grand Island, NY 14072  
716/773-7552, ext. 1263  
Fax: 716/773-3864  
john.neureuter@edwards.boc.com

### **TMN DIRECTOR**

John Fridmann, CPIM  
Perry's Ice Cream Co., Inc.  
One Ice Cream Plaza  
Akron, NY 14001  
716/542-5492, ext. 318  
Fax: 716/542-1363  
jfridmann@yahoo.com

### **REGION REPRESENTATIVE:**

Ron Calanni, CPIM  
4720 Baker Street  
Lakewood, NY 14750  
716/456-2351 (w); 716/484-8485(h)  
rjcalanni@jep.cummins.com

### **BUSINESS SUPPORT:**

Nancy Boyd Haley  
PPM Business Services  
PO Box 888  
Hamburg, NY 14075-0888  
716/648-0972 • Fax: 716/646-1599  
pmbbs@adelphia.net

# President's Message



Hello Buffalo members and non-members,

Our Professional Development Meeting for January, a joint meeting with ASQ on January 15th, was a very positive start for 2004. The APICS attendance was the best so far this program year. Combined with the ASQ attendees, the total attendance was over 70, very good these days. I believe this indicates that the way of the future for professional organizations is joint events. If attendance is higher, more diverse speakers, prime facilities for these events, and better networking opportunities are the expected result. Stay tuned for more information on joint ventures in the future.

Your board of directors is beginning to plan for next year. One of the main activities is to present a slate of nominees for the elected officers and, after elections, to assemble a board of directors. If you are interested in helping the Buffalo chapter in its administration, please contact a current director and let them know you are interested. I especially would like to encourage certified members to contribute to chapter administration to help maintain their certification.

On a final note, if you haven't already gone into the new APICS web site, I recommend that you do this to see what the site has for your information. When you go into the site for the first time, you have to select a new sign-on and password. You must then use these new values to enter the web site again. You can also edit some of your society data on line at the same time.

That's all for now,

*Ed George, CFPIM*

This newsletter is published monthly by the APICS Organization, Buffalo Chapter 21, whose membership totals over 300 professionals, educators and students in the Western New York area involved in the Production and Inventory Management Field (P&IM) and resource management. APICS is over 50 years old and provides its members opportunities to attain job skills and knowledge that will set them apart from others through seminars, workshops, conferences, exhibitions and meetings. APICS and the Board of Regents of the University of the State of New York have made it possible for you to earn college credit for passing APICS' CPIM and CIRM examinations.





## January Speaker Evaluation

Speaker: Bill Weeks on "Systems Thinking"  
Joint Meeting with ASQ

The following feedback came from people in attendance. Your responses follow:

**How effective was the speaker?:**

0% poor, 0% fair, 15% average, 50% good, 35% excellent

**How useful was the topic?:**

0% poor, 0% fair, 20% average, 45% good, 35% excellent

**Would you attend a future session on this topic?:**

75% yes, 25% no

**How much knowledge did you gain from this topic?:**

Scale 1 to 5 from little to a great deal: #1 (0%), #2 (5%), #3 (30%), #4 (55%), #5 (10%)

**What is your level of expertise in the topic area?:**

Scale 1 to 5 from none to expert: #1 (5%), #2 (15%), #3 (60%), #4 (10%), #5 (10%)

**Did you learn ideas/techniques to apply to the job?:**

85% yes, 15% no

**Was the program announcement accurate?:**

95% yes, 5% no

**Were the food & facilities satisfactory?:**

100% yes, 0% no

**Comments:**

- Good topic - excellent.
- Presentation too long.
- Too much time between food and speaker.
- Really thought-provoking.
- Too theoretical -- too academic.
- Great food & facility...let's go there more often.



## TOP MANAGEMENT NIGHT

Wednesday, March 17, 2004

Speaker: Carol Ptak, CFPIM



## Wanted:

### APICS Company Coordinators

APICS-Buffalo Chapter is looking for enthusiastic people to help revive our Company Coordinator Program. Coordinators will only need to volunteer a couple hours a month. You will work within your company to promote APICS and APICS events, share information and knowledge with co-workers, provide a learning environment by promoting interest in APICS education. APICS offers knowledge and information in cutting edge manufacturing systems, which is important to your own professional development as well as to the growth and prosperity of your company. Provide the link between your company and APICS... become a Company Coordinator.

Please contact Tim Steenberg (716) 549-7437 or e-mail [tsteenberg74@yahoo.com](mailto:tsteenberg74@yahoo.com) Thank you.

## Buffalo-Only Membership Program

APICS-Buffalo is accepting new members for a program called "Buffalo-only" membership. Now for a limited time, we are reducing the price of an APICS membership. If you have been thinking of joining, you still have time!

The new local membership costs only \$35, which is a reduction of \$95.00 from the national fee plus local membership. Buffalo-only membership includes receiving member rates on all local APICS certification course fees, chapter workshops, professional development meetings, and other events. Buffalo-only members will have access to our monthly newsletter via e-mail. However, chapter-only members still pay non-member prices for any nationally sponsored activities, books, subscription(s) and certification testing! To learn more about the local chapter, please visit our website at [www.apics-buffalo.com](http://www.apics-buffalo.com)

How can I join? Just fill out a Buffalo-Only APICS membership form, make out a check for \$35.00 to APICS-Buffalo Chapter #21 and mail it to:

APICS-Buffalo Chapter #21  
% Tim Steenberg, Member Marketing  
49 Maple Street  
Angola, New York 14006



Don't forget our monthly professional development meetings. Attend at member rates !!! Log on to [www.apics-buffalo.com](http://www.apics-buffalo.com) for information on the February meeting and register to attend.

## Buffalo-Only Chapter #21 APICS Membership Form

This local membership costs \$35, which is a reduction of \$95.00 from the national fee plus local membership. Chapter-only membership includes receiving member rates on all local APICS certification course fees, chapter workshops, professional development meetings, and other events. Chapter-only members will have access to our monthly newsletter via e-mail. However, chapter-only members still pay non-member prices for any nationally-sponsored activities, books, subscription(s) and certification testing. To learn more about the local chapter, please visit our website at [www.apics-buffalo.com](http://www.apics-buffalo.com)

### ***Member Information:***

Name: \_\_\_\_\_  
Home Address: \_\_\_\_\_  
\_\_\_\_\_  
Employer: \_\_\_\_\_  
Work Address: \_\_\_\_\_  
\_\_\_\_\_  
Job Title: \_\_\_\_\_  
Preferred E-mail: \_\_\_\_\_  
Preferred Phone: \_\_\_\_\_

**Membership Dues: \$35.00**

Check is enclosed for \$35.00 (*Checks must be made payable to APICS Buffalo*)

**Payment Method:** Purchase orders are not accepted. APICS dues are not deductible as a charitable contribution for federal tax purposes but may be deductible as a business expense. Please include member name and company name on check.

**Dates of Membership:** Chapter-only memberships are good for one year.

One month prior to expiration, you have the option to apply for a National APICS Membership at full price and receive full benefits including publications and enjoy reduced member rates on all seminars and National events. Best of all, you continue to network, learn and build your career with your friends in the Buffalo chapter.

Start saving money with a Buffalo -only membership, please fill out the form above and send this form and payment to:

APICS-Buffalo Chapter #21  
% Tim Steenberg, Member Marketing  
49 Maple Street  
Angola, NY 14006