

CMUC 2009

Constraints Management User Conference

See the
world's most
complete TOC compliant
TECHNOLOGY OPTIONS

SAN ANTONIO, TX

MAY 6-8



Conference Highlights:

Keynote address by Carol Ptak, "Surviving and Thriving in a Down Economy"

Complete blueprints for Conserving Cash and Compressing Lead Times WITH Better Service Levels

Case Studies and Update Sessions from Leading Companies

The First Actively Synchronized Replenishment (ASR) Workshop!

Constraints Management Group, LLC invites you to attend this year's Constraints Management User Conference. This year's conference will have an emphasis on not only surviving but thriving in the current economic climate. Through 25 different sessions & workshops including 3 company case studies, 5 pre-conference events, 6 update sessions and a special keynote address you can discover and/or share in a solution to these challenging times that allows you to concentrate effort and investment while reducing waste, conserving cash and improving service levels throughout your organization and supply chain.



Pre-Conference Offerings, May 6th

The Beyond MRP Workshop

Carol Ptak and Chad Smith, authors of the white paper, *Beyond MRP*, will offer an in-depth exploration of the logic behind the solution known as Actively Synchronized Replenishment (ASR). A year in the making, this day-long workshop is designed to give the participant a deep understanding about the problems and shortcomings associated with MRP systems in the modern manufacturing and supply chain landscape and then reveal the full Actively Synchronized Replenishment modeling, planning and execution solution. Case Studies will be included. This is a one of a kind opportunity! There is a **\$400 charge per person** to attend this day long session. You do not have to attend the CMUC in order to attend this Pre-Conference event. Highlights include:

- Why MRP is particularly devastating in down economies
- The fundamental flaws of MRP and MRP implementations
- The 4 necessary elements of addressing the materials synchronization challenge
- The critical differences between ASR planning and MRP
- The amazing cash, service and sales oriented benefits of ASR
- How ASR supports, simplifies and enhances Lean-Six Sigma implementations

Download the *Beyond MRP*
white paper at:
www.thoughtwarepeople.com

The Measurement Nightmare Workshop

Recently, an executive of a major corporation said, "You can't explain your way out of a situation that you behaved yourself into." Every company has to remember that if you want the right behaviors throughout your organization then you must have the right measures throughout your organization. When measures conflict, behaviors conflict and when behaviors conflict waste is generated. Learn a process for exposing conflicting policies, measures and work practices and how to generate win-win solutions for both the organization and its individuals. Learn how to utilize the right measurements as real-time feedback of the health of any system or sub-system and answer the five key questions to direct individual action. Leave with an innovative, yet practical, business solution for maximizing the ROI equation in your company. This session is a must for senior leaders. There is a **\$300 charge per person** to attend this day long session.

Throughput Improvement Simulation

This experiential simulation helps managers and employees learn about throughput improvement techniques and then allows them to experience the results by applying these methods in a simulated manufacturing plant and supply chain. By the end of the TIS attendees will have experienced the implementation of practical and effective throughput improvement techniques. One major highlight of the TIS is that participants will actually see and experience the difference between a LEAN manufacturing implementation and Drum-Buffer-Rope implementation and will have an insight on how to apply both without compromise. Attendees who enroll in this workshop must attend the full session running from 8:00-5:00 on Wednesday. Pre-enrollment is required, see registration form. Registration is limited to 18 participants per session and is on a first come, first served basis. There is a **\$300 charge per person** to attend the TIS.

Register online at www.thoughtwarepeople.com

General Sessions

Keynote Address: Carol Ptak, "Surviving and Thriving in a Down Economy"

Carol Ptak, former software executive at Peoplesoft, former CEO and President of APICS and author/co-author of several MRP and TOC related books will bring the audience through the typical mistakes companies make when facing a downturn as well as lay out a blueprint for your company to not only survive the downturn but create growth and be prepared for the upswing. If your company is being impacted by the current financial crisis you cannot afford to miss Carol's presentation.



Case Study: LeTourneau Technologies, Inc. – Component Supply

With over 900 employees, LTI Component Supply manufactures, assembles and fabricates components of all shapes and sizes for the various LTI markets. Component Supply is the heart of the vertically integrated LTI system. Hear how the focused application of DBR and systemic application of ASR have created huge benefits in sales, inventory, cash and RACE levels.



Case Study: 9Wood, Inc.

9Wood fabricates custom suspended wood ceilings out of their facility in Springfield, OR. This engineer to order company has combined elements of CCPM, DBR and Justin Roff Marsh's Sales Process to create a highly unique delivery model.



Case Study: M.C. Gill Corporation

The M.C. Gill Corporation is the world's largest manufacturer of honeycomb, high performance floor panels, cargo compartment liners and original equipment for passenger and freighter aircraft. See how this company is using DBR and ASR to dramatically compress lead times and focus improvement.



Update Sessions

Hear how companies that have formerly presented case studies at the CMUC have continued on their journey with constraints management. Six companies, Oregon Freeze Dry, Rex Materials Group, LeTourneau Technologies (Offshore Products), Royal Plastics, Midwesco Filter Resources, Inc. and Bowden Manufacturing have agreed to make brief presentations and take questions about their continuing experience with constraints management.



Breakout Sessions

Introduction to Drum-Buffer-Rope

In 1984, the book *The Goal* introduced a common sense, but unconventional way to look at maximizing the performance of a manufacturing environment through a scheduling process called Drum-Buffer-Rope. If your organization has difficulty producing a responsive, stable, and realistic schedule that maximizes total production throughput, minimizes WIP and expedite related expenses this session is a must. You will also see how DBR can be particularly effective in down economies.

Introduction to Critical Chain Project Management

Critical Chain Project Management (CCPM) is the newest and most effective way to synchronize and maximize the use of resources in project environments. Attendees will learn a revolutionary technique for planning and executing in a single or multi project environment. If your company has a limitation in project management or engineering CCPM is a good place to start with constraints management methodology.

Introduction to Critical Measurements

Recently, an executive of a major corporation said, "You can't explain your way out of a situation that you behaved yourself into." Every company has to remember that if you want the right behaviors throughout your organization then you must have the right measures throughout your organization. When measures conflict, behaviors conflict and when behaviors conflict waste is generated. That waste can take many forms including excess inventories, unnecessary expedites and overtime, poor capital decisions and poor service performance. Today, more than ever, having the right measures make the difference between your organization behaving its way out of existence or thriving in a hostile environment. This session is a greatly condensed version of the Measurement Nightmare pre-conference session.

Beyond MRP –

Actively Synchronized Replenishment (ASR)

Is your company living the "MRP Conflict"? Does your company work within its MRP system or outside of its MRP system? Does it do both? When Materials Requirements Planning (MRP) software was introduced it revolutionized the manufacturing landscape. Businesses immediately rushed to implement and harness its power. Today, most companies have some form of MRP system in charge of demand forecasting, plant scheduling and materials management and procurement. Despite this proliferation, almost every company is dissatisfied with its MRP system's ability to properly synchronize and manage between actual demand, capacity and incoming supply. Learn simple solutions for the critical shortcomings of MRP assumptions in the new world of PULL based planning and execution. See why this kind of economic climate actually represents a real opportunity through the use of ASR!

Replenishment+®

Replenishment+® is a uniquely powerful solution to the compromises and ineffectiveness of MRP in today's manufacturing environment. It effectively facilitates pull-based materials and supply chain management throughout a manufacturing enterprise (Purchasing, Bill of Materials, and Fulfillment/Distribution) while simultaneously compressing lead times and cash requirements. This session includes an introduction to the concept known as Actively Synchronized Replenishment (ASR).

DBR+™

DBR+™ brings the methodology into real-time reality. Through proprietary design, DBR+™ allows users to easily MODEL, SCHEDULE and then easily EXECUTE through a real-time, user friendly web-based format. Additionally, reporting formats easily facilitate multiple types of CONTINUOUS IMPROVEMENT activities.

Register online at www.thoughtwarepeople.com

Breakout Sessions (cont.)

Constraints Management and Lean

In the last 10 years there has been a tremendous amount of convergence between these two pull-based philosophies. Companies that have successfully integrated the two approaches have found a new level of performance well above and beyond what the methodologies bring on their own. Combining the systemic focusing mechanisms of constraints management with robust drill down tools of Lean provides a robust pull-based system with a blue print for continuous improvement activities and decisions. If this breakout interests you then also consider attending the Throughput Improvement Simulation pre-conference workshop.

Combining LEAN & CCPM in Pull-Based Project Delivery Systems

Hear how LEAN's focus on cycle time and waste reduction are being used in concert with the powerful planning, scheduling and execution methodologies of CCPM to create a fully sufficient project delivery system for major manufacturing and engineering enterprises.

Multi-Level Integrated Capacity and Materials Scheduling

Manufacturers are acutely aware that in order to get product out the door both capacity and materials constraints must be effectively managed. The more complex the product and capacity structure, the more complicated the puzzle becomes. Cash, Capital and service levels are directly affected by this puzzle. DBR has proven to effectively deal with capacity constraints and ASR has proven to effectively deal with materials constraints. So, what happens when you combine the powerful pull-based concepts of DBR and ASR across a complex product and capacity structure? You get Multi-Level Integrated Capacity and Materials Scheduling. In this session participants will see the leading edge of production and materials planning, scheduling and execution approaches.

Sales Offer Templates

In today's economy finding the right offer for the market is crucial. Released by Dr. Eli Goldratt at the TOCICO Conference in Barcelona in November of 2005, experience these amazingly concise and effective blueprints for attacking and leveraging capability into markets. Two sessions will be offered.

Pre-Conference Pricing

The Beyond MRP Workshop – \$400 per person
The Measurement Nightmare Workshop – \$300 per person
Throughput Improvement Simulation – \$300 per person
DBR+™ and Replenishment+® User Forums – free to licensed users

Conference Pricing

1-2 people = \$950 per person, 3 or more = \$850 per person.
\$100 discount for past attendance.

Hotel and Travel Information

Omni La Mansion Del Rio
112 College St.
San Antonio, TX 78205
Telephone (210)518-1000

<http://www.omnihotels.com/FindAHotel/SanAntonioLaMansionDelRio.aspx>

Special Conference Rate of \$189 per night, must book by Sunday, April 12th

Airport – Airport Code is (SAT) San Antonio International Airport.

Driving Directions – Check website for specific directions from your location at <http://www.omnihotels.com/FindAHotel/SanAntonioLaMansionDelRio/MapAndDirections.aspx>



To register online go to www.thoughtwarepeople.com
To register by phone call (800) 496-4144 (US Only)

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Wednesday, May 6th

7:00 AM – 8:00 AM Pre-Conference
Workshop Registration and Continental
Breakfast

8:00 AM – 12 Noon: **DBR+™** User Forum
1:00 PM – 5:00 PM: **R+@** User Forum

8:00 AM – 5:00 PM:
Measurement Nightmare Workshop

8:00 AM – 5:00 PM:
The Beyond MRP Workshop

8:00 AM – 5:00 PM:
Throughput Improvement Simulation™
(TIS) Workshop

7:00 pm – Cocktail Reception for All
CMUC 2009 Attendees

About San Antonio

(from wikipedia.com)

San Antonio is the second-largest city in the state of Texas and the seventh largest city in the United States. Located in South Texas, the city is a cultural and geographical gateway into the American Southwest.

Famous for its River Walk, the Alamo, Tejano culture, and home to the SeaWorld San Antonio and Six Flags Fiesta Texas theme parks, the city is visited by 26 million tourists per year according to the San Antonio Convention and Visitors Bureau.

Thursday, May 7th

7:30 – 8:30 AM Registration and
Continental Breakfast

8:30 – 10:15 AM General Session:
Opening Remarks
Keynote Address by Carol Ptak
Case Study – LeTourneau
Technologies (Component Supply)

10:15 – 10:30 Break

10:30 – 12:00 Break Out Flight 1

▶ Introduction to Drum-Buffer-Rope
Scheduling and Execution

▶ Sales Offer Templates

▶ Constraints Management and Lean

▶ Multi-Level Integrated Capacity and
Materials Scheduling

12:00 – 1:00 Lunch

1:00 – 2:15 PM General Session
Update Sessions:
Rex Materials Group
Oregon Freeze Dry
Midwesco Filter Resources
Bowden Manufacturing

2:15 – 2:30 Break

2:30 – 4:00 PM Break Out Flight 2

▶ Introduction to Critical Chain Project
Management

▶ **DBR+™**

▶ Beyond MRP

▶ Sales Offer Templates

4:00 – 4:15 Break

4:15 – 5:00 PM General Session
Case Study – 9Wood

5:30 PM – 9:00 PM: CMUC Dinner

Friday, May 8th

7:30 AM – 8:30 AM Continental
Breakfast

8:30 – 9:15 AM General Session:
Case Study – M.C. Gill Corporation

9:15 – 9:30 Break

9:30 – 11:00 Break Out Flight

▶ Introduction to Critical Measurements

▶ *Replenishment+®*

▶ Multi-Level Integrated Capacity and
Materials Scheduling

▶ Combining LEAN & CCPM in Pull-
Based Project Delivery Systems

11:00 – 11:15 Break

11:15 AM General Session
Update Sessions:
LeTourneau Technologies
(Offshore Products)
Royal Plastics

12:00 Conference Adjourns