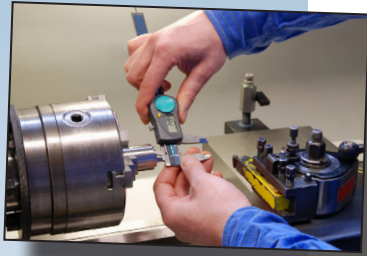


# IMEC and Joliet Junior College Present a One Day “Hands-On” Workshop...



## Quick Response Manufacturing (QRM)

*A Competitive Strategy for Low-Volume and Custom-Engineered Products*

- Yes, you can compete against low-wage countries!
- Everyone knows that “time is money” but this workshop will show you that time is a lot more money than most managers realize!

**This workshop is aimed at Managers from all functional areas.**

Quick Response Manufacturing is a company-wide strategy for lead time reduction throughout the enterprise. Using QRM, companies have reduced their lead times by 80-90%. As a result, these companies have not only seen large increases in market share, but also experienced significant cost reductions and quality improvement.

QRM can be a more effective competitive strategy for companies making low-volume or custom-engineered products. This workshop will provide an overview of QRM strategy, which includes four core concepts:

- **The Power of Time** - *the non-obvious reasons why lead time is important, how it influences total operating cost and quality, and how to take advantage of this realization*
- **Organizational Structure** - *how to restructure your organization to minimize lead time throughout the enterprise*
- **System Dynamics** - *how interactions between machines, people and products impact your lead times, resulting in rethinking capacity planning and lot sizing policies.*
- **Enterprise-wide Application** - *QRM is applied throughout the organization and includes material planning and control, purchasing and supply chain management, office operations, and new product development. You will also see data on the “bottom line” impact of QRM on product cost, quality, and lead times.*

**December 12<sup>th</sup>, 2012  
8:00am to 5:00pm**

Holiday Inn Hotel &  
Conference Center  
411 S. Larkin Avenue  
Joliet, IL 60436

Registration begins at 7:30am

**\$350 per person**

Registration includes lunch, workbook, and Dr. Suri's book “It's About Time: The Competitive Advantage of Quick Response Manufacturing”

**Register by visiting:**

[www.imec.org/events.cfm](http://www.imec.org/events.cfm)



Presented by the Founding Director of the Center for Quick Response Manufacturing: **Dr. Rajan Suri**

Dr. Suri is Emeritus Professor of Industrial Engineering at the University of Wisconsin - Madison and has worked with over 300 companies developing and implementing QRM. Such companies include Danfoss, Harley-Davidson, John Deere, Rockwell Automation and TREK Bicycle. Dr. Suri is also the author of the original book *Quick Response Manufacturing: A Companywide Approach to Reducing Lead Times*, as well as the latest book on QRM, *It's About Time: The Competitive Advantage of Quick Response Manufacturing*. In 2010, Rajan Suri was inducted into the Industry Week 2010 Manufacturing Hall of Fame. Visit his website at [www.rajansuri.com](http://www.rajansuri.com).

## Register by visiting:

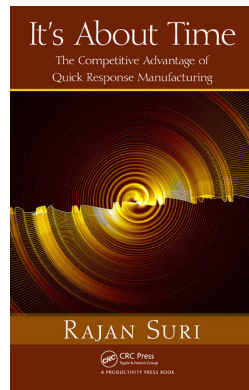
[www.imec.org/events.cfm](http://www.imec.org/events.cfm)

## Questions?

Contact Amy Fitzgerald  
at 309-677-2977 or  
afitzgerald@imec.org.

Visit Dr. Suri's website at [www.rajansuri.com](http://www.rajansuri.com) for more great information about QRM.

If video is your preference, be sure to view the short video with three company presidents explaining how they were able to reduce lead times 70-80% while cutting costs!



All attendees will receive a copy of Dr. Suri's book

In the decade since the publication of Rajan Suri's landmark first book on Quick Response Manufacturing, the innovative principles of QRM have been proven out via impressive results at many companies, big and small, in a variety of industries. While the key principles of QRM remain unchanged, after a decade of teaching QRM workshops to senior executives Suri has developed a concise yet convincing way of presenting QRM strategy using four core concepts.

The text contains new case studies on QRM implementation. The book also shows how factories in advanced nations can use QRM strategy to compete with manufacturers in low-wage countries. An additional chapter provides pointers for implementation including accounting strategies, cost-justification approaches, and a stepwise process for implementation. Also included is a bonus CD with five appendices that provide a number of practical details to assist in the success of your QRM implementation.

## Who should attend:

Company Presidents,  
Executives and Managers  
in Finance, Operations,  
Sales, Manufacturing,  
Materials, Supply Chain,  
Engineering and Human  
Resources

## Quick Response Manufacturing Agenda

- **7:30** - *Registration and Continental Breakfast*
- **8:00** - *QRM in relation to Lean and Six Sigma*
  - *The QRM Quiz: Evaluating your organization's mindset*
  - *The Four Core Concepts of QRM*
  - Core Concept #1: The Power of Time
    - Group Workshop: Waste due to long lead times
    - Impact of lead time reduction on Cost, Quality and Delivery
- **10:00** - *Break*
- **10:15** - Core Concept #2: Rethinking Organization Structure
  - QRM Cells, Teams and Ownership
  - How QRM Cells are more holistic and flexible than Lean cells
- **12:00** - *Lunch*
- **1:00** - Core Concept #3: Exploiting System Dynamics
  - Group Workshop: Decision-making for a cell with long lead time
  - Lessons on capacity planning, cross-training, and batch-sizing
- **2:15** - *Break*
- **2:30** - Core Concept #4: Implementing an Enterprise-wide, Unified Strategy
  - POLCA - alternative to Kanban for low-volume or custom products
  - Time-based Supply Management strategies
  - Implementing Quick Response in office operations
- **4:00** - *Mini break*
- **4:10** - *Creating the time-based mindset*
  - *New performance measures to support QRM*
  - *Steps to successful implementation of QRM*
- **5:00** - *Adjourn*