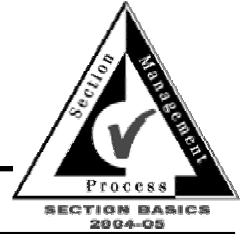




The Variant

www.asqsefla.org



Section 1510 / 1515

March 2005

Inside this issue:

ASQ Certification Refresher Courses.....	2
Koality Kid Training Event, Section 1510 Meeting Topic.....	3
Section 1515 Items.....	4
Showcase Winner Announcement..	5
Conference.....	6
Dr. Lincoln Forbes, Ph.D., P.E Interview.....	7
Section 1510 Monthly Meeting Details.....	8

Section Chairs:

Bonnie Eifert, Section 1510 Chair
eifertb@bellsouth.net
Joni Judd, Section 1515 Chair
JLAnalysis@aol.com

Newsletter Editor:

Cathy Peak, Newsletter Editor
cathypeak@bellsouth.net

Section 1510 Website

www.asqsefla.org

Section 1515 Website

www.ASQualitypalmbeach.org

View the latest

Section information

Register for classes

And register for

Section Dinner Meetings

National Website

www.ASQ.org

Message from the Section 1510 Chair by Bonnie Eifert

For our next dinner meeting on March 8th, we are honored to have Dr. Lincoln Forbes, President of the Construction Division of the Institute of Industrial Engineers (IIE). Dr. Forbes is a Supervisor in the Division of Facilities Design and Standards at Miami-Dade County Public Schools, where he oversees Post Occupancy Evaluation activities and provides research and investigation support on construction quality issues including systems, methods and materials. He also currently serves as an adjunct professor with the College of Engineering at FIU, specializing in Quality Management as well as Construction productivity improvement. His research areas include overall construction performance improvement. Dr. Forbes is also Certified Quality Engineer (CQE), and has served as an Examiner for the Florida Sterling Council Quality Award. His talk will be *How Industrial Engineering techniques can improve Construction Productivity, Quality, and Profitability*. Please join us at Shula's for what is certain to be an enjoyable and informative evening.

As some of you may know, Section 1510 has been active in trying to

start the Koality Kid program in both Miami-Dade and Broward Counties. We have taken the first steps and sent our Koality Kid team for training. The next step is for a Master Trainer to authorize our trainers after participating in a two day training session with them. In March we will have that two day training. The first day is a private session for an elementary school. The second day, **Saturday, March 12 is open to the public.**

This is your chance to support our outreach programs and learn in the process. If you are part of the teaching profession this program is definitely for you. If you are a parent with school age children this program will show you the tremendous effect quality tools can have on your children, their grades, test scores and sense of achievement. If you are a quality professional, this is an opportunity to see how quality can be applied even at the earliest levels of childhood education. Please contact Dennise Suarez at 305-716-0865 or dennise.suarez@occ.treas.gov for more information. **We need your support to make our program successful. Please join us for a great day.**

Section 1510 Mission

To foster a dynamic environment that will:

- Enable section members to network with peers
- Provide seminars and courses on the latest quality related tools and topics to facilitate their implementation in the manufacturing and service industries
- Lead section members into developing their potential through ASQ certification

ASQ Certification Refresher Classes—Instructor Certified Six Sigma Black Belt (CSSBB)

If you are thinking of taking a class please sign up on our web page at www.asqsefla.org. If you have a question regarding registration or course site, you can call Amarilis Acosta at 305-380-3592 or email her at Amarilis.Acosta@coulter.com. If you have a question regarding course content, textbooks or ASQ certification, contact Eleanor Chilson at 954-428-7373 x-245. Please sign up at least three weeks before the scheduled start of class so that we can assure that you have a textbook at the first session. Any classes for which we do not register a minimum of five students will be cancelled.

All Classes Are Refresher Classes

Certified Quality Engineer (CQE) - 3.0 CEUs Fee: \$350.00 - Includes textbook and materials When: March 2005 and Sept 2005 Time: 5:30 p.m. to 8:30 p.m., 10 sessions Where: TBD Instructor: Andy Vouloukos - CQE, CRE	Certified Software Quality Engineer (CSQE) - 2.4 CEUs Fee: \$275.00 - Includes textbook and materials When: Wednesdays—April 2005 and Sept 2005 Time: 5:30 p.m. to 9 p.m., 8 sessions Where: TBD Instructor: Mercedes Massana - CSQE, CQA
Certified Quality Auditor (CQA) - 2.7 CEUs Fee: \$275.00 - Includes textbook and materials. When: April, 2005 and Sept 2005 Time: 6:00 p.m. to 9:00 p.m. 8 sessions Where: TBD Instructor: Eleanor Chilson - CQE, CQMa, CQA, CQIA	Certified Quality Improvement Associate (CQIA) -2.4 CEUs Fee: \$275.00 - Includes textbook and materials. When: Wednesdays - April, 2005 and Sept 2005 Time: 5:30 p.m. to 8:30 p.m. 9 sessions Where: Beckman Coulter Corporation - Hialeah Instructor: Kannan Krishnan - CQE, CQMa, CQA, CQIA, CCSSBB
Certified Quality Technician (CQT) - 2.7 CEUs Fee: \$300.00 - Includes textbook and materials When: January, 2005 and August, 2005 Time: Wednesdays, 5:30 p.m. to 8:30 p.m., 9 sessions Where: Boston Scientific, Doral Instructor: Eleanor Chilson CQE, CQMa, CQA, CQIA Andy Vouloukos CQE, CRE	Certified Quality Manager (CQMa) - 2.7 CEUs Fee: \$350.00 - Includes textbook and materials When: January, 2005 and August 2005 Time: 5:30 p.m. to 8:30 p.m., 9 sessions Where: Beckman Coulter Corp., Hialeah Instructor: Kannan Krishnan - CQE, CQA, CQMa, CQIA, CCSSBB
Certified Mechanical Inspector (CMI) - 2.4 CEUs Fee: \$275.00 - Includes textbook and materials. When: January 2005 and August 2005 Time: 6:00 p.m. to 9:00 p.m. 8 sessions Where: TBD Instructor: Eleanor Chilson - CQE, CQMa, CQA, CQIA	Certified Reliability Engineer (CRE) - 3.0 CEUs Fee: \$350.00 - Includes textbook and materials When: TBD Time: 6:00 p.m. to 9:00 p.m. Where: TBD Instructor: Andy Vouloukos - CQE, CRE
Blueprint Reading (BPR) -2.4 CEUs Fee: \$275.00 - Includes textbook and materials. When: TBD - 8 sessions Time: 5:30 p.m. to 8:30 p.m. 8 sessions Where: TBD Instructor: Eleanor Chilson - CQE, CQMa, CQA, CQIA	Certified Calibration Technician (CCT) - 2.4 CEUs Fee: \$275.00 - Includes textbook and materials When: April 2005 and Sept 2005 Time: 5:30 p.m. to 8:30 p.m. Where: TBD Instructor: Fred King - CCT
Design of Experiments (DOE) - 3.0 CEUs Fee: \$300.00 When: TBD Time: TBD Where: TBD Instructor: Robert Pintavalle- CQMa, CQE, CQA	Internal Auditing for Quality Systems (IA) - 1.5 CEUs Fee: \$175.00 Includes breakfast, lunch, snack, handouts and materials When: Feb 3, 2005 Time: 8:00 am to 4:00 pm Where: Signature Grand, 6900 W State Road 84, Davie, Fl Instructor: Kannan Krishnan - CQE, CQA, CQMa, CQIA, CCSSBB

Additional classes may become available as the year progresses. Watch this space or log on to www.asqsefla.org for the latest schedule.

Note: Once you have registered for a class, any cancellation less than seven days before the class starting date will result in a fee of \$100.00

CQE/CQA/CSQE/CQIA/CCT		Certification Dates	
<i>Application Deadline</i>	<i>Exam Date</i>	<i>Application Deadline</i>	<i>Exam Date</i>
April 1, 2005	June 4, 2005	January 21, 2005	March 5, 2005
October 7, 2005	December 3, 2005	August 19, 2005	October 22, 2005
See ASQ Website for Fee changes and to confirm dates: http://www.asq.org			

Section 1510 March Dinner Meeting Topic

How Industrial Engineering techniques can improve Construction Productivity, Quality, and Profitability

Presented by Dr. Lincoln H. Forbes, P.E.

Dr. Lincoln H. Forbes, P.E. is the President of the Construction Division of the Institute of Industrial Engineers (IIE). This division was created to promote the dissemination and application of industrial engineering techniques to improve the construction industry's performance on a national scale.

Dr. Forbes obtained his Ph.D. from the University of Miami where he previously obtained an MBA, followed by an M.S. in Industrial Engineering. Prior to that he earned a B.Sc. in Electrical Engineering at the University of the West Indies.

He is a Supervisor in the Division of Facilities Design and Standards at Miami-Dade County Public Schools, Miami, Florida where he oversees Post Occupancy Evaluation activities and provides research and investigation support on construction quality issues including systems, methods and materials. Dr. Forbes has also held responsible administrative positions in areas such as in-house construction, construction quality control, project warranty services, and Productivity/Quality Improvement.

Dr. Forbes has served the Institute in many roles including President of the Miami Chapter, and Director of the Government Division. His other memberships include the American Society for Quality (ASQ) and The American Society For Healthcare Engineering (ASHE).

He currently serves as an adjunct professor with the College of Engineering at Florida International University, Miami, Florida, specializing in Quality Management as well as Construction productivity improvement. His research areas include overall construction performance improvement.

Dr. Forbes has published a number of papers on quality-related issues and is a columnist on Construction Quality for the ASCE publication "Leadership and Management in Engineering"; he serves as a reviewer for the "Journal of Management in Engineering". He is also Certified Quality Engineer (CQE), and has served as an Examiner for the Florida Sterling Council Quality Award. Interested parties may contact him by e-mail at conquarsh@aol.com

The Presentation: How Industrial Engineering techniques can improve Construction Productivity, Quality, and Profitability

The construction industry has an estimated annual dollar volume of over \$800 billion, yet most construction projects are still performed by using long established and somewhat antiquated methods. The industry is characterized by high levels of inefficiency and waste (as much as 30%) that inflate the cost of construction and cause many delays, and often unsafe practices that result in disproportionately high worker injury rates. The potential for improvement is vast, yet the industry lags far behind the levels of productivity and quality that have become commonplace in the manufacturing and service industries.

This presentation will address how industrial engineering approaches can improve productivity, quality, and profitability in the construction environment.

Practical examples will be discussed relating to such IE topics as productivity/quality measurement and improvement, time study, methods engineering, layout design, human factors and ergonomics; how these increase efficiency and minimize on the job injuries and worker health impacts. The implementation of "continuous learning" approaches will be described. The evolution of lean methods and supply chain management applications will also be presented in the context of increasing the competitiveness of the construction industry.

Section 1510 Koalaty Kid Program and Training Agenda

Saturday, March 12, 2005 Open to All ASQ and Community at Large

Program Contact Denise Suarez for further details at 305-716-0865, email dennise.suarez@occ.treas.gov

Today, Koalaty Kid encourages the use of training to implement a rigorous continuous improvement effort in schools. It also advocates the use of recognition and the spirit of excitement celebrating achievement that have characterized Koalaty Kid schools since the outset. This combination of the substance and spirit of quality defines "Koalaty." When schools apply these principles and techniques to the critical issues in their schools, the opportunity for Koalaty Kid to create positive, lasting change in schools and students is dramatic.

The purpose of this program is to provide assistance through sponsorship to implement the Koalaty Kid Program in a local elementary school.

Koalaty Kid is a customized systematic approach to continuous improvement. Teachers will learn how to incorporate quality tools in the

daily curriculum in elementary schools. This creates a student-centered approach to improving student grades and test scores giving students a sense of achievement and creating an enthusiasm for continuous learning.

The Koalaty Kid Program has been implemented successfully across the United States and Canada. This program reinforces student accountability and will allow each student to track and improve his or her performance using quality tools. Once this skill is learned the students benefit because it is a transferable skill from the classroom, to life, to the work place.

Training is an 8 hour event, with lunch provided. Please call Program Contact Denise Suarez for further details at 305-716-0865, email dennise.suarez@occ.treas.gov

Section 1515 Announcements

Message from the Chair Section 1515

Joni Judd

A key component of Performance Excellence is to capture and understand customer wants and needs, also known as the "Voice of the Customer". This isn't always an easy task because all customers are not equal and their needs constantly shift over time. I know I'm a customer! Focus Groups and going to the "Gemba" are valuable approaches to understanding customer needs and wants. Recently, I attended a Focus Group as a potential Cadillac customer. It was a very pleasant experience and I will consider Cadillac when I shop for my next vehicle. You may be asking, "What were the critical success factors of the focus group?" Here are my thoughts:

- The facilitator reassured us about confidentiality and that the purpose of the focus group was for research.
- The questions were well thought out and allowed feedback relative to likes and dislikes with regard to cars in general, features of the various Cadillac models and their competition and effective advertising.
- The facilitator was non judgmental, listened carefully and validated our responses.
- We were well fed and rewarded with gifts.

The Section 1515 volunteers are seeking to hear your voice as a member. The Membership Committee and the Internet team have launched a membership survey to help us plan the New Year, starting in May 2005. Please take the time to visit our website and respond to our survey, www.ASQualitypalmbeach.org

Our meetings have been fruitful in exchanging ideas around Root Cause Analysis, Balanced Scorecard and Strategic Planning. Thank you, Enrique for organizing our speakers. We will be taking the month of March off to celebrate St. Patrick's Day and will reconvene in April 28 to learn more about Lean Manufacturing, applied to the service industries. Hope to see you then. Please see the meeting announcement

Build a Lean Enterprise: Lean Beyond the Shop Floor

ASQ 1515 is proud to present "Build a Lean Enterprise" by Phil Centonze Manager of Service Delivery for the Florida MEP on April 28, 2005.

Lean process management concepts, with deep roots in manufacturing, work in all environments and across all industries. This presentation will provide an overview of these concepts and techniques as they apply to information flows and paperwork and administrative processes. In discussing Lean, participants will see and hear how implementing ideas like quality at the source, cellular flow, visual management control, and other tools reduce cycle time and process costs, and improve process output and timeliness.

Phil Centonze, Manager of Service Delivery
Florida Manufacturing Extension Partnership (MEP)

A ten-year Florida Sterling Master Examiner, Phil Centonze has worked with top leaders of business and government, advising and guiding their organizations to improve competitiveness, profitability, and the way they do business. He has implemented and trained Lean process management techniques as a senior manager in government, service, and manufacturing organizations around the U.S. for over 12 years. With the Florida MEP he continues to employ and teach Lean principles to teams of managers and employees of large and small organizations in Florida. He has earned a BS degree in engineering from the U. S. Coast Guard Academy and an MBA from Florida International University in Miami.

Place: NCCI Holdings Headquarters, Boca Raton Time: 6:30 p.m.
Cost: \$15 for members
RSVP: emb109@aol.com or call 954-856-8810 Enrique Bekerman

Employment Opportunities Available

Looking for a new career? Contract position? New location to work? Start here!

**Your ASQ Membership gives you access to many connections in the Quality Field.
<http://careers.asq.org/search.cfm>**

Quality Assurance Engineer

Quality Assurance Engineer Position Available:

VasCon LLC, a medical device developer and manufacturer of coronary and interventional neurological devices, is seeking an experienced Quality Assurance professional to work closely with our engineering designers to efficiently deliver safe and effective medical device designs. This is an excellent opportunity for a motivated hands-on individual seeking a challenging position with demonstrated experience and ability in Risk Analysis, DOE, SPC, FDA QSR, ISO9001, ISO13485, design verification, design validation, process validation, design reviews, auditing, product reliability, reliability testing, preventive and corrective actions, sterilization, and developing sampling plans for verification/validation. Experience should include competency in evaluating new quality/test methods, processes, and materials to determine effect on the quality plans and risk analysis. Should possess excellent communications skills with all levels of management and the technical organization. B.S. degree or higher is required and ASQ or RAC certifications are a plus. Candidates should have at least 3 - 5 years of experience in a responsible quality position, preferably in the medical device industry. Please send your resume by e-mail to SVadas@VasConLLC.com or you may fax it to 1-305-592-6605.

Chris Heflin Named Quality Practitioner of the Year at Performance Excellence Showcase

Each year, part of the Performance Excellence Showcase is the awarding of the Quality Practitioner of the Year. This honor recognizes the unique contribution made by quality professionals and looks to further the quality profession through recognition, reward, and promotion.

Applications were judged based on significant contributions to the field of quality; procedures, measures and techniques implemented for quality improvement; volunteer and community activities; articles and presentations relative to improvement of quality; and additional achievements. Judges for the award were Fred Narayan, Rebecca Statin-Reinstein and Mindy Gross.

This year's Quality Practitioner and a finalist last year is **Chris Heflin-Ewing**. Chris has been the Organizational Development Coordinator for the City of Coral Springs for ten years. She is the project leader on initiatives that help the City improve its performance as measured by the Sterling criteria. Coral Springs won the Sterling Award in 1997 and again in 2003. She facilitates high profile cross-functional teams, collaborates with the budget staff on managing the City's performance measurement system, and coordinates the annual resident survey.

Chris is a graduate of Western Maryland College and has a Masters degree in Public Administration from the University of Maryland. She has worked on performance improvement at every level of the government, notably with the US Department of Commerce; the Florida Institutes of Government; Pima County, Arizona and the City of Coral Springs.

Please join us in congratulating Chris.



14505 Commerce Way
Suite 500
Miami Lakes, FL 33016
Tel: (305) 819-0385
Fax: (305) 820-1015
Mail: cqr@cotecnausa.com
www.cqrservices.com
www.cotecna.com

ISO 9000 CERTIFICATIONS AND TRAINING

¡Ahora con clases en Español!

For our training schedule and complete line of certification services,

call us at (305) 819-0385, or visit our site: www.cqrservices.com/schedule.html

Day, evenings and weekend classes. Classes limited to the first 10 students! (Students in auditing classes receive a complete set of authorized copies of the ISO 9000 family of standards & other training materials (a \$135.00 value). Meals included in "all day" classes)

ISO 9001:2000 INTERNAL AUDITING COURSE AVAILABLE. INVESTMENT \$300.00

Are you certifying your Quality Management System to ISO 9001:2000?

We can help! Cotecna Quality Resources is a South Florida ANSI-RAB accredited QMS Registrar. South Florida companies get "Preferred Customer Status" and benefits.

Advertisements should not be considered an endorsement by ASQ or Section 1510/1515

National Quality Education Conference

NQEC 2005 : "Tapping Student Potential: Raise Academic Achievement and Narrow the Achievement Gap"

Intercontinental Miami

100 Chopin Plaza

Miami, Florida

Conference Dates

Sunday, November 13 – Tuesday, November 15, 2005

Pre-conference workshops Saturday, November 12, 2005

Proposal Submission Deadline: March 7, 2005

Call for Papers and Presentations

The steering committee of the National Quality Education Conference, NQEC, invites the submission of presentations for the 13th NQEC in Miami, Florida.

The purpose of NQEC is to provide, teachers, faculty members, administrators, and support personnel opportunities to examine continuous improvement principles that have been successfully used in education policies such as the reauthorized version of the Elementary and Secondary Education Act "No Child Left Behind". In addition, previous attendees at the NQEC have found support, tools, and strategies for their efforts to improve the processes and results of education.

Complete proposals will be reviewed by at least three judges. The first-listed proposal author will be notified personally of the selection process results. Concurrent sessions within the conference will be 75 minutes in length. Pre-conference workshops are 4 hours in length and will be offered to the public on Saturday, November 12.

PRESENTATION SUBMISSION REQUIREMENTS ARE TO BE MET

Submitting Your Complete Proposal:

Proposals are due electronically to Keith Grant, NQEC Program Developer: kgrant@asq.org no later than February 22, 2005. (To be considered, please follow the "Presentation Submission Requirements")

Submit as a MS Word document attachment with: NQEC 2005 CFP in the Subject Line

Selected Primary Presenters will receive one complimentary full conference registration. Co-presenters will be offered the "Early Bird" registration rate. We regret that NQEC is not able to provide an honorarium or material expense reimbursement or travel reimbursement for selected concurrent and workshop presenters.

To provide a high level of value to our NQEC attendees, the Conference Planning Committee requires all presenters to provide electronic copies of their presentations 8 weeks prior to the conference. These materials will be collected and posted on asq.org prior to the conference and for 4 weeks following the conference.

Further Information:

Please contact Keith Grant, NQEC Program Developer kgrant@asq.org or 1-800-248-1946 ext 7347

An Interview with Lincoln Forbes, Ph.D., P.E., CNC Director

Section 1510 March Monthly Meeting Presenter

What has been your involvement with IIE?

I have been actively involved in IIE since the early 1980's, starting with the Miami Chapter as Newsletter editor, then becoming Vice President, and later President in 1983-84. I served National in a variety of roles including conference moderator, track coordinator, member, task force on Women, Minorities and the Disabled in Engineering, and Director of the Government Division in 1988-89. I also enjoyed membership in the Special Productivity Projects Committee, where we awarded prizes to outstanding organizations. At the local chapter level, I have come full circle, serving as Vice President again. I have also made several conference presentations over the years.

How did you get involved with the CNC?

I was indeed fortunate to have been asked to head up the Construction Networking Community when it was initiated at IIE's Annual Conference in Portland. I had been asking IIE to create an interest group that would focus on construction-related activities for many years. In fact, I pioneered the creation of a small think tank through the University of Miami's IE Department back in 1990-91 to promote the application of IE techniques in construction. We assembled a multi-disciplinary team that included architects, civil, structural, mechanical, electrical, and industrial engineers to study the possibility of applying IE techniques to the design and construction industry. We identified areas of need, such as low-cost housing, where our combined efforts could have a beneficial impact on society at large. At the same time, we felt that such a contribution would begin to improve the public perception of industrial engineering.

Did the team learn anything that would improve the construction industry?

Unfortunately, Hurricane Andrew intervened in August 1992 and changed our priorities for many years. Nevertheless, as South Florida struggled to recover from the devastation of one of history's worst hurricanes, it became clear that IEs could play a significant role in construction. For example, serious lapses in construction quality were discovered that added to the devastation — such as roofing systems that could have been much more securely anchored at a minimal cost. My awareness of this situation deepened my interest in the construction industry's untapped potential for IE application.

How have your educational background and experience helped you in this endeavor?

My career path has been somewhat non-traditional and multi-disciplinary. My undergraduate degree from the University of the West Indies is in Electrical Engineering. I worked as an electrical designer with an innovative company that trained me in HVAC at Carrier and gave me site engineer responsibilities so I had a very good foundation in the construction process. I had no IE training at the time, but saw the opportunity to improve the construction process. While pursuing an MBA at the University of Miami I discovered the field of IE in the middle of my program. So great was my interest that I pursued an MSIE at the same time as the MBA. I liked the fact that IE placed an emphasis not just on hardware, but on human resources as well. My first post-graduation job came through a contact made as a dinner meeting guest of an IIE Senior Chapter member. That job led to the opportunity to connect IE techniques with the construction arena. Working in construction quality control has made me acutely aware of the errors and losses that can be introduced in a typical project as it progresses from design to construction. Later on, I went back for a Ph.D. and focused my research on quality with an emphasis on the construction environment. Currently, I'm in the Facilities Planning and Standards Department of the nation's fourth largest school system with one of the largest construction programs in the country. We provide many services, from the development of educational specifications for new facilities to conducting ongoing research and evaluation to improve the delivery of construction services and the durability of the finished product. For example, through Post Occupancy evaluation we identify systems and materials that provide the lowest life cycle costs. We measure customer satisfaction with the completed facilities to promote continuous improvement. I am also personally involved in strategic planning for and implementation of the Florida Sterling Criteria in the school district's construction program. The Florida Sterling Criteria are Florida's version of the Malcolm Baldrige Quality Award Criteria.

What role can IEs play in construction?

The sky is the limit for IE involvement. With an estimated loss rate of 30%, there is much room for improvement. In an \$800 billion industry, a 5% reduction in waste would translate into a savings of \$12 billion annually in the US alone. The losses resulting from safety lapses or job-induced illnesses are fertile ground for improvement. Value engineering is often conducted on the products of construction, but very infrequently on the construction process itself. While construction professionals have been making process improvements over the years, their efforts have been fragmented. As we have been trained to be integrators, IEs could overcome the wasteful effects of fragmentation. IEs have optimized the application of lean techniques in the manufacturing and service arenas. We can bring the same cutting-edge approaches to the construction industry. Construction automation may be the wave of the future as the construction industry seeks to lower costs. In Japan, the increasing age and declining numbers of the experienced work force have led to increased interest in automation. For IEs, there is clearly room for growth in automation research.

What are the most challenging issues facing the CNC?

Membership, membership, and membership! We need to increase our numbers as rapidly as possible. We need the economy of scale that allows us to document members' expertise under a number of categories; so that the industry will recognize that it can come to us for a wide range of skills. For this to happen, we need to have each and every member helping to recruit new members to the Institute and to the community in particular. We also need to promote activities to keep our members engaged and involved in order to provide them with value, so that the community can continue to grow. I would like to see our members communicating with each other on a regular basis and sharing knowledge so that the community will serve as a meeting place, not just for technical information sharing, but for business opportunities as well. If we can first strengthen our ties with each other, then we will be equipped to establish new ties with the design and construction industry and gradually position ourselves as valuable contributors who can help to improve both quality and profitability at the same time. Our members can begin to network through several means. Our Discussion Center (www.iinet.org/discussion) allows us to post queries or comments on important issues and invite feedback. The newsletter is an excellent vehicle for sharing information — members are invited to submit articles for publication to Bonnie Thiede.

What would you like to say to the CNC members?

This is an exciting time with the promise of many possibilities. We have a golden opportunity to position the IE discipline and profession in the minds of the marketplace. If we can convey to the forces that drive the construction activity — developers, corporations that depend heavily on facilities to market their product/services, and architects/ designers — that we can provide value, then we can become a major force in the construction process. We already do in many ways that run the gamut from value engineering to safety management and project scheduling, but we can do more if we persuade industry decision-makers that they will benefit from our expertise. We have been granted a conference track in construction for the 2004 Conference in Houston, Texas. That track will serve as an excellent vehicle for us to showcase our skills and make the case that we can help the industry save billions of dollars each year. Get involved right away. Join a committee and lend us your expertise, whether in planning and promoting a conference track, writing for the newsletter, supporting research, or helping other members. Let us build the CNC into a force for change that helps IEs be seen as the providers of specialized knowledge and skills that will greatly improve the competitiveness of the construction industry.

The Variant
ASQ Section 1510
PO Box 835062
Miami, FL 33283-5062



The Variant

www.asqsefla.org



Section 1510 / 1515

March 2005

Section 1510 March Dinner Meeting

How Industrial Engineering techniques can improve Construction Productivity, Quality, and Profitability

Presented by Dr. Lincoln H. Forbes, P.E.

Cost: \$26.00

Registration Deadline: Sunday, March 06, 2005, 12:00 Noon

If reservation is not made by deadline

your meal will be selected by the kitchen staff based upon availability of entrées.

Date/ Time: Tuesday, March 08, 2005 6:00 PM

Location: Don Shula's Hotel
6842 Main Street, Miami Lakes.

Phone 305-821-1150

Menu: Rolls, Butter, Iced Tea, Coffee, Fresh Seasonal Fruits, Rice Pilaf, Vegetables and
A choice of: Chicken Roma, Grilled Dolphin or Pasta Primavera.

Dessert: Chocolate Mousse

Note: Members must make their meal selection when they register online. Make all checks payable to "ASQ-1510".

If using Pay Pal bring a copy of your transaction receipt.

Make reservations here: http://www.asqsefla.org/March_05_meeting.htm