



# IEEE Crosstalk



The Newsletter of the Mid-Hudson Section of the IEEE

Volume XLVI, No 2, March 2007

## Chairman's Corner

Thanks to everyone who helped with the recent Senior Member elevation night! The section had 5 members elevated to the Senior Member grade in January with another 5 who were considered in February (results pending). Congratulations to:

Baback Izadi    Ronaldo Lu    Stewart Rauch  
Dallas Lea    Lisa Mohr

Overall, the section had a 33% increase in Senior Members in 2006, the largest percentage increase of any section in the entire US! We will hold another Senior Member Elevation night in May. Watch the next issue of Crosstalk for more details.

## Upcoming Events

**February 28<sup>th</sup>, 2007:** Tour of Hudson Valley Transportation Management Center, Hawthorne NY, with USMA IEEE Student Branch See p. 4 for details. Limited to 10 IEEE members. RSVP Required by 2/26.

**March 7, 2007:** Marist College Master's in Management Technology Program presentation. See pages 2 and 3

**March 24, 2007:** Dutchess County Science Fair. Looking for IEEE members to judge projects.

**May 2007:** Senior member elevation night, similar in format to the one in Dec 2006. Information on senior membership may be found at: <http://www.ieee.org/organizations/rab/md/smprogram.html>

**June 20-22, 2007** 8<sup>th</sup> Annual IEEE SMC Information Assurance Workshop. Co-sponsored by the Mid-Hudson Section. Guest Speakers include Mr. Tom Cross from IBM's Advanced Research, Peiter Mudge Zatzko from BBN Technologies and Randy Marchany from SANS. **Advanced Registration deadline is May 2, 2007.** For more information, see <http://www.itoc.usma.edu/workshop/2007/index.htm>

**Fall 2007:** 2008 First Lego League season kicks off. Some IEEE members are already associated with Lego League teams in local schools. Is there interest in IEEE playing a greater or more formal role in supporting Lego League? For more info: <http://www.firstlegoleague.org/default.aspx?pid=70>

## Mid-Hudson Section Leadership

**Chair:** Lisa Shay  
**Immediate Past Chair:** Rob Atkins  
**Vice Chair:** Michael Otis  
**Treasurer:** David J. Dittmann II  
**Secretary:** Baback Izadi  
**Members-at-Large:** Larry Boland  
Bill McCarthy  
\* opening  
**Program Chair:** Kwok Soohoo

**Society Chairs:**  
**Computer:** Baback Izadi  
**Education:** Robert Kewley  
**Electron Devices:** Fernando Guarin  
**Power:** Hal Turner  
**WIE Affinity Group:**

**Student Activities Membership:** Robert Kewley  
**Awards Chair:** Casimer M. DeCusatis  
**Newsletter Editor:** Lisa Shay  
**Associate Editor:** Brett Arteta  
\* opening

**PACE Chair:** Larry Winkler  
**Publicity Chair:** \* opening  
**Engineer's week:** \* opening  
**Tech Societies Liaison:** Vic Melville  
**Webmaster:** Larry Winkler



## Mid-Hudson Section Website

<http://www.ewh.ieee.org/r1/mid-hudson/index.htm>



## Mid-Hudson Section General Contact

[otism@engr.newpaltz.edu](mailto:otism@engr.newpaltz.edu) (845) 257-3827

**TECHNICAL TALK HOSTED BY MARIST COLLEGE,  
CO-SPONSORED BY THE EDUCATION SOCIETY**

**TECHNOLOGY MANAGEMENT  
EDUCATION IN THE 21<sup>ST</sup> CENTURY**

**PRESENTED BY DR. BEATE KLINGENBERG & DR. EITEL LAURIA**

**MARIST COLLEGE DIRECTORS OF THE M.S. IN TECHNOLOGY MANAGEMENT  
ONLINE MASTER'S PROGRAM WITH A 10-DAY RESIDENCY IN CHINA THAT  
PROVIDES THE KNOWLEDGE TO EFFECTIVELY USE TECHNOLOGY FOR  
ORGANIZATIONAL COMPETITIVENESS.**

**MARCH 7, 2007 AT 6:30 P.M.  
MARIST COLLEGE, LOWELL THOMAS 124**

**FOR MORE INFORMATION AND/OR TO RSVP  
CALL 845.575.3225 OR EMAIL MEG.MARINACCIO@MARIST.EDU**

**[WWW.MARIST.EDU/GRADUATE](http://WWW.MARIST.EDU/GRADUATE)**

**MARIST**

# Education Society Meeting

## Technical Talk hosted by Marist College co-sponsored by the IEEE Education Society, Mid Hudson Section

**When:** March 7, 2007, 6:30 pm (in case of snow, talk will be postponed to March 21<sup>st</sup>)

**Where:** Marist College, Lowell Thomas 124

Dinner following the technical talk. The dinner is sponsored by Marist College. To sign up for dinner, please RSVP to the Marist School of Management, attention Meg Marinaccio, at 845-575-3225, or [Meg.Marinaccio@marist.edu](mailto:Meg.Marinaccio@marist.edu)

You need to **RSVP no later then Wednesday, February 28.**

### Management Education in the 21<sup>st</sup> Century: Master of Technology Management Program at Marist College

By **Dr. Beate Klingenberg, School of Management, and Dr. Eitel Lauría**  
School of Computer Science and Mathematics

#### *Abstract*

The 21<sup>st</sup> century ushered business, governments and other organizations into a technology revolution, spearheaded by now ubiquitous information technology. The resulting challenge for any organization is to strategically employ technology to support and sustain competitive advantage. Managers need not only to understand what a certain technology can do, but also how to use it to enhance the company's efficiency and effectiveness through its value-chain. This requires a new approach to business education. Accordingly, over the last ten years, business interest in a more technology oriented education for managers increased, and educational institutions responded by developing technology management (TM) and engineering management (EM) programs.

Marist College started its own Master Degree in Technology Management in the fall of 2006. The presentation reports on the development this program – a part-time, distant-education program developed for professionals with technical education and expertise. The focus is on a vision driven approach used to develop the program purpose and objectives. Analyzing Marist's competencies and defining specific industry needs through direct input from a technology industry advisory board, allowed an integrative, interdisciplinary and strategic approach to develop a unique program aligned with industry needs.

#### **Driving Instructions**

Marist College is on Route 9, on the north side of Poughkeepsie. The campus has three entrances:

- south (next to athletic field)
- main
- north

Opposite of the main campus is a large Marist parking lot called Beck's Place. You need to park there – parking on campus would require a permit. Cross Route nine at the pedestrian light and head straight to a two-storied brick building with glass front. That is Lowell Thomas. The room (Lowell Thomas 124) is left of the entrance.

#### **Biographies**

*Dr. Beate Klingenberg* joined Marist College in 2003 as Assistant Professor of Management. She is the Director of the Strategic Management Track of the Master of Technology Management Program. Her teaching emphasis is operations management, project management and decision sciences. Prior to joining Marist, she worked for several years in the semiconductor industry, specifically in technology transfer and intellectual property management. Her research areas are in the fields of innovation management, knowledge management, and environmental management systems.

*Dr. Eitel Lauría* is an Assistant Professor and Graduate Director of Information Systems at Marist College, Poughkeepsie, NY. Prior to joining Marist College in 2002, Dr. Lauría worked in the IT arena for over twenty years, consulting for a number of multinational firms including Microsoft, IBM, Exxon, Reuters, Philip Morris, Hewlett Packard, STET France Telecom, Accenture, and Ryder. His research is focused on business intelligence, decision support systems, statistical machine learning, data quality, and distributed applications.

# IEEE Student Branch Trip

**WHAT:** Tour of the Hudson Valley Transportation Management Center.

**WHEN:** February 28<sup>th</sup>, 9AM-3PM

**WHO:** The USMA IEEE Student Branch and a Systems Engineering course. The course director (and IEEE Education Society Chair), Robert Kewley, has obtained permission for up to 10 IEEE members to attend.

**RSVP:** Rob Kewley (845-938-5206) or [Robert.Kewley@usma.edu](mailto:Robert.Kewley@usma.edu) By Monday, February 26<sup>th</sup>.

Abstract:

We are going to be touring their facility to learn how they do integration of emergency and traffic management for the lower Hudson Valley region. They have lots of organizational and IT integration challenges. Our cadets will be focused on their role as a command and control center. The center's web site is

[www.hudsonvalleytraveler.com](http://www.hudsonvalleytraveler.com). Their address is 200 Bradhurst Ave (Unit 1), Hawthorne, NY 10532-1619.

Our tour will be from 9 am to 3 pm on Wednesday, February 28<sup>th</sup>. If any of the membership would like to join us for the tour, they need to send me their full name so I can pass it along to the center. The center will do a quick background check before allowing entrance. They can then meet us at the center in Hawthorne at 9 am on the 28<sup>th</sup>.



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## Are you an IEEE Senior Member?

Becoming a Senior Member is not as difficult as you might think. According to the IEEE bylaws, "a candidate shall be an engineer, scientist, educator, technical executive or originator in IEEE-designated fields. The candidate shall have been in professional practice for at least ten years and shall have shown significant performance over a period of at least five of those years."

More information on Senior Member Elevation:  
<http://www.ieee.org/organizations/rab/md/smforms.htm>

Congratulations to the recently elevated senior members:

Baback Izadi  
Dallas Lea  
Ronaldo Lu  
Lisa Mohr  
Stewart Rauch