

WIE Newsletter

February 2004

WIE Forum

Facing the Critical Shortage of Engineering Talent Through Diversity

Dear Colleague:

You are cordially invited to attend the WIE Forum on "Facing the Critical Shortage of Engineering Talent Through Diversity". A presentation by Kimberly Parker Gavaletz, Vice President of Corporate Internal Audit for Lockheed Martin Corporation.

THE FORUM is a reception and invited lecture of general interest open to all free of charge. IEEE membership is not required. The topics are selected to help understand and address issues related to women in engineering and in IEEE. The speakers have ranged from IEEE volunteers to internationally recognized scholars in women's studies and have covered such diverse topics as gender equity of MIT's faculty to Myers-Briggs Personality Type Indicators of men and women in engineering. They have addressed issues in IEEE, government, industry and academia. All previous Fora have resulted in lively discussions

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EWEEK & Girl Day

Celebrating Engineers' Week by Connecting the World to Engineering

Around the world, engineering excellence and appreciation is celebrated throughout the year. WIE Chapters and members participating in 2004 EWEEK and Girl Day:

February

- WIE Milwaukee Chapter celebrates Girl Day by visiting local school students
- WIE Bombay celebrates EWEEK by reaching out to young girls
- IEEE & WIE student members at the University of Alexandria participates in Future City Competition
- Girl Day celebration at Manitoba Hydro in Canada
- WIE Corporacion Universitaria in Colombia celebrates EWEEK with activities and lecture
- WIE Chicago along with local engineering societies celebrate EWEEK at IIT Rice Campus

March

- WIE University of British Columbia (Canada) celebrates EWEEK. A joint collaboration with IEEE Student Branch.

April

- WIE United Arab Emirates will visit middle and high school school girls

May

- Girl's Day celebration at University of Passau in Germany

August

- WIE University of Alexandria celebrates EED

In an EWEEK message, United States President, George W. Bush applauds "the professionals, educators, and students participating in National

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**IEEE Women
in Engineering**

• www.ieee.org/women

over tasty hors d'oeuvres and delectable libation. We hope to see you in Savannah.

Sincerely,

IEEE Women in Engineering Committee

Forum Specifics

Date/Time

Friday, 13 February 2004
5:00 PM – Reception
5:30 PM – Talk

Location

The Westin Savannah Harbor
One Resort Drive, Savannah, GA 31421, USA
Tel: +1 912 201 2000

RSVP

Email: women@ieee.org

Talk Abstract

The need for engineers is growing while the pipeline is not. Explore the growing requirement for engineers, the talent supply chain and strategies for meeting this challenge. Understand the role of diversity in advancing the solutions and transforming the workplace.

About the Speaker

Kimberly Parker Gavaletz was named Vice President, Corporate Internal Audit in August 2000, reporting dually to the Executive Office and the Audit & Ethics Committee of the Board of Directors. Other responsibilities are: Chairman of Corporate Staff Diversity Council, Co-Chair of the Society of Women Engineers Corporate Partnership Council, Member of the Lockheed Martin Ethics Steering Committee and Enterprise Architecture Board and Board Member of the Institute of Internal Auditors Research Foundation.



Previously, Kimberly was Vice President, Deputy Program Manager on the Consolidated Space Operations Contract, which provided ongoing control center and network operations and engineering services for NASA's Shuttle, Space Station Satellite, and Space networks.

Prior assignments include her role as Deputy Program Manager for the Mission Systems Organization (MSO) responsible for the engineering and development of the Space Shuttle & Space Station Mission Control Center for NASA. She additionally held several assignments across MSO including management of the MSO Project Managers, Systems Engineering, Integration & Test and Software Development organizations. Operations Contract, which provided ongoing control center and network operations and engineering.

Kimberly started her career at IBM in 1982 after receiving her degree in Math from Baylor University. She held roles at IBM in technical and program management across NASA, IR&D and commercial oil industry and airline customers.

Kimberly is active in the First Baptist Church Rockville and enjoys singing, golfing, the beach and her family's farm. Kimberly and her husband Chuck have three daughters Terri, Allyson and Rachel and two grandchildren Meghan and Rick. ❖

Engineers Week for your dedication to improving our quality of life and revolutionizing the way we learn, work and communicate." A copy of the complete message is available at EWEEK home page at www.eweeek.org.

EWEEK & Girl Day volunteer kits are available upon request. Kits may be ordered through the EWEEK Product Catalog. The printed packet includes a folded 2004 poster and a one-page timeline/participation summary. The poster's reverse side illustrates two classroom activities — one of which was supplied by the IEEE History Center.

Future dates for EWEEK:

- 2005 February 20-26
- 2006 February 19-25
- 2007 February 18-24
- 2008 February 17-23



National Engineers Week 2004
February 22-28

WIE Bombay Educates Students in Rural Areas

Dr. Madhuri Joshi, WIE Bombay Chapter Chair along with a team comprised of professors and students in Pune have been reaching out to rural students. Over the last six months, nine batches of students were sent to educate students in eighth to tenth grades about concepts in electronics, information technology and energy conservation.

A special emphasis was placed on reaching out to girl's schools. Dr. Joshi said, "Women in the rural areas are the primary consumers of energy. They need to be introduced to concepts of energy conservation and alternative sources of energy."

The program was so successful that it will now be extended to include some urban schools. ❖

WIE Statistics

Currently, there are 34 WIE Chapters around the world. A listing of these groups may be found at <http://www.ieee.org/committee/women/chapter.xml>

Region	December 03
R1-6 US	4,158
R7 Canada	570
R8 Europe, Africa & Middle East	1,344
R9 Latin America	1,077
R10 Asia & Pacific	1,645
Total	8,794

Congratulations to High Point Regional High School

Members of the WIE Committee participated in a teleconference discussion about a Women in Engineering Program at High Point Regional High School in NY.

The program under the school's Technology Education curriculum was designed to introduce girls to engineering thinking and engineering as a career. The teleconference call focused on discussion of the curriculum the school designed and supporting efforts.

HPHSI was selected by the International Technology Education Association as their 2004 Program Excellence School. The school's Technology Education Department will be honored at the 66th ITEA Annual Conference in Albuquerque. ❖

Regional & Chapter News

All

Jan – EWEEK Virtual Chat with guest, Leslie Collins of National EWEEK Foundation

Regions 1-6 - USA

2004 – WIE Southern NJ to volunteer as Science Fair Judges

2004 – WIE supports Girl Scouts Troop activity in Nashoba Regional School District

Jan – WIE Central Texas hosts talk on "My Life with Program Synthesis" by Dr. Elaine Kant

Feb – WIE Milwaukee celebrates Girl Day to visiting local schools and with hands on activities with the students

Mar – WIE supports Girl Scouts event in Dallas

Mar – WIE Santa Clara participates in the 4th Annual Expand Your Horizons Conference in Science and Math

Mar – WIE Central Texas to hosts lecture

Region 7 – Canada

2004 – WIE Manitoba – Petition Pending Approval

Feb – WIE to participate in Girl Day at Manitoba Hydro

Feb – WIE University of British Columbia celebrates EWEEK Canada

Region 8 – Europe, Africa & Middle East

Jan – WIE United Arab Emirates Virtual Community created

Feb – WIE Nnamdi Azikiwe Chapter formed and participates in upcoming IEEE Student Branch membership drive

Feb – WIE University of Alexandria (Egypt) participates in Future City competition

Apr – United Arab Emirates celebrates EWEEK by visiting middle and high school girls

Region 9 – Latin America

Feb – WIE Corporacion Universitaria (Colombia) celebrates EWEEK with talk and activities

Mar – WIE San Buenaventura (Colombia) participates in university event with lecture by guest speaker

Region 10 – Asia & Pacific

2004 – WIE Kerala celebrates EWEEK

Feb – WIE Maharashtra Academy of Engineering (India) Chapter formed

Feb – WIE Bombay to celebrates EWEEK

To participate in an event or form a chapter in your area, please contact WIE at women@ieee.org. ❖