



# **Women in Engineering (WIE) Report**

**96th IEEE R8 Committee Meeting  
London, Great Britain, 25th March 2011**

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### **IEEE WIE aims:**

The IEEE Women in Engineering of Region 8 would like to address the following issues (particularly during WIE sessions and events at IEEE conferences):

- *how to prepare high school girls to make an unprejudiced choice regarding their study and careers in Science & Engineering and give them good background for that;*
- *how to seal the academic pipeline of women in order to minimize the “pipe leakage” phenomena;*
- *how to overcome barriers for the advancement of women already working in Science & Engineering;*
- *and how to combine a career with family life.*

Our society cannot afford to lose women’s talents in Science & Engineering.

### **Introduction:**

Women in Engineering of Region 8 (Europe, Africa & Middle East) has shown a progress both in increased number of members and in number of the new affinity groups formed in the past year. The achievements will be presented in this report.

### **Region 8 facts:-**

#### **✓ WIE membership:**

<b>Region 8</b>	<b>January 2010</b>	<b>January 2011</b>
Europe, Africa & Middle East	2281	2580

- ✓ **Total IEEE WIE membership was 13,418 in January 2011, while R8 WIE membership was 2,580 at the same time which represents 19.22% of WIE total members.**

- ✓ **WIE R8 forms 24 regular AGs and 44 Student Branch AGs, 68 in total.**



## Goals:

- ✓ Promote IEEE membership and retention of IEEE women members.
- ✓ Increase the number of WIE AGs.
- ✓ Maintain an advisory relationship with the local WIE Affinity Groups and provide guidance and assistance to them.
- ✓ Inspire and support organizers of conferences in R8 (at global, regional and local level) to organize accompanying WIE sessions with keynote speakers' presentations (successful role models for generations to come) followed by a panel discussion on the WIE session issues, which are of importance not only to the society of women in science and engineering but to the general public as well.
- ✓ Completing the database of R8 WIE AGs contacts on the base of 2010 IEEE WIE Roster.
- ✓ Coordinate the Clementina Saduwa Award.
- ✓ Gather information about IEEE WIE activities in Region 8 and disseminate them through R8 news and WIE Magazine
- ✓ Provide support for Membership Elevation.
- ✓ Gather and disseminate information of status of IEEE women members at the regional level.
- ✓ Search out women in the Sections/AGs who could serve as role models and outline their activities/status to the WIE R8 members (push ahead articles about them to WIE Magazine).
- ✓ Form a subgroup of advisers (invited volunteers, among them former R8 WIE Coordinators) in order to help to activate the plan.

## Past Activities:

Country	Activity	Date
Belgium	Participation in SBC 2010 - Student Branch and GOLD Congress 2010	4 – 8 August 2010
Germany	WIE Munich-Passau First Meeting	28 <sup>th</sup> January 2011
UAE	Participation in the 6th IEEE-GCC Conference and Exhibition	19 – 22 February 2011
	Women In Engineering, Science, and Technology Forum (WIESTF2011) "A Better Planet"	19 <sup>th</sup> February 2011
Region 8	Global Marathon	10 – 11 March 2010
	Clementina Saduwa Award	December 2010-February 2011
	WIEC Teleconference	25 <sup>th</sup> January 2011



### Future Activities:-

Country	Activity	Date	Done By
<b>Africa/Middle East</b>	NATIONAL ENGINEERS WEEK FOUNDATION'S 7 <sup>TH</sup> ANNUAL GLOBAL MARATHON	10 <sup>th</sup> March 2011	Nadeen Rishani Regional Leader for Middle East/ Africa Global Marathon 2011
<b>Saudi Arabia</b>	The WIE event that will be a collaborative effort between Saudi Sections (East and West) in Jeddah, Western Region of Saudi Arabia.	19 <sup>th</sup> March 2011	Najat Yassin Abu-Haliqa IEEE Women in Engineering (WIE) Chair, Saudi Section (East)
<b>Region 8</b>	Global Marathon	7 – 12 March 2011	IEEE WIE R8
	Clementina Saduwa Award 2012	30 November 2011	IEEE WIE R8

### Main Events:

#### WIE Munich-Passau First Meeting (Germany)

On January 28th the Germany Section Women in Engineering (WIE) Affinity Group and the Student Branch Passau WIE group and friends gathered for their first meeting at the Garching Forschungszentrum, close to Munich.

The program for the day was quite intensive and started with the visit of the Leibniz Rechenzentrum, where the group attended a facility tour and an impressive demo in the 3D visualization lab, followed by the talk “Refinement-Based Verification Of Interactive Real-Time Systems” given by Dr. Maria Spichkova (TUM) at GE Global Research premises. The technical program went on with lab tours with the MRI, Solar and High Power Electronics stations. At the end the participants left Garching for a networking dinner in the Munich city centre, where everybody could relax and exchange thoughts & impressions of the day.

More information at the link: <http://ewh.ieee.org/mu/germany-wie/events/>



## **Women in Engineering, Science, and Technology Forum (WIESTF2011)**

### **"A Better Planet"**

February 19, 2011  
Dubai, United Arab Emirates

The following goals have been achieved during this Forum:

- Recognizing the contribution of women in general and IEEE women members in particular and identifying role models.
- Encouraging women to participate in the 6th IEEE GCC conference and submit articles for the conference.
- Enhancing public awareness of IEEE and WIE.
- Inspiring all WIE members to realize their potential to help change lives.
- Creating opportunities for cross generational, disciplinary, and cultural learning.
- Focusing on women in the profession.
- Increasing industry awareness and support for academia.
- Increasing awareness on Environmental issues.

### **Global Marathon For, By and About Women in Engineering**

The Seventh annual Global Marathon For, By and About Women in Engineering – a live webcast and teleconference – will take place March 7-12, 2011. More information at:

<http://www.eweek.org/EngineersWeek/GlobalMarathon.aspx>

Individuals from corporations, universities, non-profit and community organizations, and others will participate in real-time, live group events, webcasts, Internet chats and teleconferences in any of 6 regions on these dates:

- ✓ Monday, March 7 – Kick-off and North America
- ✓ Tuesday, March 8 – China
- ✓ Wednesday, March 9 – India
- ✓ Thursday, March 10 – Africa/Middle East
- ✓ Friday, March 11 – Brazil/Mexico
- ✓ Saturday, March 12 – UK/Europe, 'Student Outreach Day' and event close in North America



## **Memorandum of Understanding between IEEE WIE and the IE Foundation**

The MOU will be signed in March 2011. The purpose is to establish the terms of collaboration with regards to enabling members of the IEEE Women in Engineering organization to access a top-level business education, as part of their regular and continuing participation in IEEE Women in Engineering activities. This is continuation of the activity of the last year.

### **IEEE Women in Engineering (WIE) Scholarships**

As part of the IE Foundation's dedication to supporting professional women throughout their career development process, the Foundation has partnered with the IEEE's Women in Engineering (WIE) initiative to bring top women engineers from Europe, Middle East and Africa to Madrid for advanced studies in management. The collaboration includes various joint initiatives, including a scholarship program.

### **2011 Clementina Saduwa Award:**

Objectives of the Award:

To recognize a women engineer in Region 8 who, through her engineering and career achievements, has demonstrated noteworthy support for women in the profession and have established a benchmark of engineering excellence and of the following eligibility criteria.

Amount of the Award: set to 2000 US\$.

The contest was having a great challenge between the contestants who shows a very high level of achievements. The final decision of a jury composed of 5, was based on various aspects, not only CV but also statement, level of difficulties in achieving a professional career, reference letters, level of involvement of referees, among others.

The winner of 2011 Clementina Saduwa Award is Dr. Ilhem Kallel from Tunisia for her professional and personal achievements. She can serve as a role model for combining professional achievements and family life.



## Region 8 New & Pending WIE AGs 2010

### New WIE AGs:

- Saudi Arabia (Eastern Province)
- Turkey
- Saudi Arabia (Western Section)
- Lebanon
- Portugal
- Germany

### Pending WIE AGs:

Country	Activity	Date
<b>Russia (Northwest)</b>	They don't have WIE AG yet but wishing to form one	In progress
<b>Bulgaria</b>	They don't have WIE AG yet due to shortage of subscribers	In progress
<b>Malta</b>	They don't have WIE AG and they are still looking for someone to take responsibility of the group	In progress

## Region 8 New WIE SBAGs 2010

### New WIE SBAGs:

- Tunisia (Ecole Nationale d'Ingenieurs de Sfax (ENIS))
- Qatar (Texas A&M University at Qatar)
- Jordan (Hashemite University College of Engineering)