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Women in Engineering (WIE) Report

98th IEEE Region 8 Committee Meeting to be held in Berlin, 30 March – 1 April
2012.

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WIE R8 Coordinator



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IEEE WIE is under IEEE Member and Geographic Activities Board.

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 to the advancement of women in Science & Engineering;*
- *and how to balance career and family life.*

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



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Introduction

Women in Engineering of Region 8 (Europe, Africa & Middle East) has shown progress in activity in terms of number of the new affinity groups and local initiatives. The achievements are presented in this report.

Women in Engineering

R8	Jan. '12	Jan. '11	#	%
Europe, Africa & Middle East	2,782	2,580	202	7.8%

2011 Female Membership by Region									
R8	Higher grade w/o GSMs			Students			Total		
	IEEE	Female		IEEE	Female		IEEE	Female	
Europe, Africa & Middle East	54,442	4,185	7.7	21,880 %	3,806	17.4%	76,322	7,991	10.5%

In 2012, three new WIE Student Branch Affinity Groups and one WIE Affinity Group were added to the existing 24 regular AGs and 44 Student Branch AGs.

New SBAGs and AG

German Jordanian University Women In Engineering Student Affinity Group in the Jordan Section.

Instituto Superior Tecnico Women in Engineering Student Affinity Group, Portugal Section

Ecole Nationale D'Ingenieurs De Tunis Women In Engineering Student Affinity Group in the Tunisia Section.

IEEE Iraq Section Women in Engineering Affinity Group.



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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.

Some local WIE activities in 2011-early 2012

WIE R8 Coordinator	Teleconferences with WIE Committee	monthly
WIE R8 Coordinator and ad hoc evaluation committee	Clementina Saduwa Award	December 2011- February 2012
Boutheina Tlili, RIT Dubai	Women in Eng, Science & Tech Forum 2011	19- Feb
Dina Masri, Princess Sumaya Univ	WIE Launching Week	10-Mar
Reem Turkey, WIE Western Saudi Arabia	WIE Workshop	18-Mar
Ferdinanda Ponci, WIE Germany	Girls Day (engineering for 8th grade girls)	14-Apr
Direshni Reddy, University of Cape Town	WIE Professional Talk	6-May
Hend Alqamzi, WIE UAE University	Robotics Workshop	1-May
Chioniso Dube, WIE South Africa	Phateng School	12-Apr
Addei Hijazi, Palestine Polytechnic U	WIE in PPU	2-May
WIE R8 Coordinator	MoU IEEE - IE	Nov.
Tiziana Bertonecelli, WIE AG Germany	AG Meeting	10-Jan 2012



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Details and highlights:

2012 Clementina Saduwa Award:

Objectives of the Award is 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.

The final decision of a committee composed of 5 male and female members, was based on various aspects, including CV, personal statement, level of difficulties in achieving a professional career, reference letters, level of involvement of referees.

The winner of 2012 Clementina Saduwa Award is Dr. Wejdan Abu-Elhaija Princess Sumaya University for Science and Technology from the Jordan Section for her professional and personal achievements.

Memorandum of Understanding between IEEE WIE and the IE Foundation

The MoU was signed in 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 previous 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.

Some upcoming WIE events in R8 in 2012

WIE R8 Coordinator	Teleconferences with WIE Committee	monthly
WIE R8 Coordinator and ad hoc evaluation committee	Clementina Saduwa Award	December 2012- February 2013
Kristen Donnell and R8 WIE Coordinator	WIE Panel Session at I2MTC 2012	May 15 (tentative)
R8	Global Marathon	March 10
R8	Girls Day	April 26