



## INWES Member Newsletter #8 – February 2011

### Contents

<i>Editorial</i> .....	1
<i>News from the President</i> .....	1
<i>Call for nominations for INWES Board of Directors</i> .....	2
<i>ICWES15: Update and Travel Grants and Scholarships</i> .....	3
<i>News from INWES</i> .....	4
Go Eng Girl.....	4
<i>Conferences, Workshops &amp; Events</i> .....	5
<i>Deadline INWES Member Newsletter</i> .....	5
<i>About INWES</i> .....	6
INWES Board .....	6
INWES Sponsors.....	6
Contact INWES .....	6

### Editorial

Dear INWES Members,  
dear Readers,

these are eventful times for INWES. Some of you might have noticed that since December the INWES homepage is not available anymore. This is due to problems with the provider. We work hard to set up a new homepage. We will inform you as soon as possible. Then, it will also be possible again to renew your INWES memberships. Please be patient with us.

Moving on to the good news: ICWES15 and with it the election of a new Board of Directors for INWES approaches. Until 30 March there is the opportunity to nominate candidates for INWES director. Further information on this you find in this newsletter.

Online registration for ICWES15 is open. Early bird registration is possible until 15 May. Various travel grants and scholarships are available to support you with the travel costs. The details are

outlined in this newsletter. Applications are possible until 28 February.

In this newsletter we introduce another exciting project to engage girls in engineering: Go Eng Girl.

Latest info: L'Oreal has joined INWES as corporate member. More about this in the next newsletter.

Petra Mayerhofer

### News from the President

Just a short note from me this time.

Pam Wain, Gail Mattson, Monique Frize, Claire Deschenes and I went to the SWE Conference in October in Orlando. As usual it was an exciting and busy time, but we did our best to publicise INWES and ERI to as many people, organisations and corporations as possible, and we made some good contacts.

We are still looking for ideas for projects which INWES or ERI can carry out. We would be interested in stand-alone projects or ones where we can partner other organisations. Do think whether you have something which may be suitable. We are also looking at the INWES future and its strategy, and if you are interested in taking part in this exciting project, please let us know.

Elsewhere in this newsletter you will see information about ICWES15, and about nominations for the INWES Board. Please look at these articles carefully to see whether you could be eligible for a travel grant to the Conference, and whether you or a colleague may be put forward for a position on the Board.

I hope to see as many of you as possible in Adelaide.

Sue Bird, INWES President



## Call for nominations for INWES Board of Directors

Dear members,

The INWES Nominating Committee invites all its members to propose candidates for the 2011 election of the Board of Directors. Elections will take place at the General Meeting of INWES to be held during the ICWES15 conference in Adelaide, France, mid July 2011.

INWES structure and main nomination and election rules are indicated in our By-Laws (available on demand at the Secretariat). The 2011 updated Appendix D of our Policy Manual contains information on how to make a nomination, the process by which a slate of nominees will be selected and the election process itself (relevant parts included).

We would like to point out a few important things:

The INWES Board is constituted of **not less than 9 Directors and not more than 18**, of whom:

- not more than eleven (11) Directors shall be elected as Directors by the Organizational Members (“Organizational Directors”),
- not more than two (2) Directors shall be elected by the Corporate Members (“Corporate Directors”),
- not more than three (3) Directors shall be elected by the Individual Members (“Individual Directors”), and
- not more than two (2) Directors shall be elected by the University/Institute Members (“University/Institute Directors”).

The Directors hold office for a term of three (3) years or until their successors are elected and appointed. The Organizational Directors, University/Institute Directors, Corporate Directors and Individual Directors are elected by resolution of the Organizational Members, University/Institute Members, Corporate Members and Individual Members, respectively. Elections for Directors representing Individual members, Corporate members, University/Institute Members and Organizational members will be held separately during the General Meeting.

In order to be eligible, candidates must be a member in good standing (Individual, Corporate, University/Institute or Organizational member) and be willing to devote time and energy to INWES through regional or Board activities.

For nominations, the following criteria will be considered:

- (i) A short curriculum vitae showing achievements and contributions in assisting young girls and women in pursuing careers in STEM (Science, Technology, Engineering and Mathematics):
  - encouragement of girls and young women in STEM studies;
  - enhancement of academic climate for women STEM studies;
  - hiring and promotion of women with STEM degrees;
  - support young girls and women in pursuing careers in STEM fields.
- (ii) Number of ICWES conferences attended (if any), and position held (if any).
- (iii) Active involvement in INWES.
- (iv) Achievements in the pursuit of the INWES network objectives at the community level.
- (v) Candidate’s written statement of willingness to serve on INWES Board.

In determining the final slate of nominees for election, best efforts will be taken to ensure that there is representation from each of our eleven geographical regions:

- (i) North America, (ii) South and Central America, and the Caribbean, (iii) Western Europe (including Israel and Turkey), (iv) Eastern Europe, (v) French speaking Africa, (vi) English speaking Africa, (vii) Middle East, (viii) Central Asia (including India), (ix) Southeast Asia, (x) Far East Asia, (xi) Australia and New Zealand.

Please note that the **nomination** of candidates must be submitted **before the 20th of March 2011**, and sent to the Chair of the Nominating



Committee and to the Secretary General, by email or regular mail at the addresses below.

Issie Yvonne Gueye  
INWES Chair of Nominating Committee  
ING. ESIGELEC, MSc RPI  
Directrice générale  
Cabinet d'experts en génie électrique EGITECS  
Bat I N°97 RES SICOGI 2PLTX Abidjan  
Ivory Coast  
Phone: ++ (225) 22 42 09 04  
++ (225) 07 89 03 30  
E-mail: egitecs@aviso.ci

Nadia Ghazzali  
INWES Secretary General  
Professor, Ph.D.  
Department of Mathematics and Statistics  
Alexandre-Vachon Building, Room 1061B  
Laval University  
Quebec, Canada, G1V 0A6  
Tel.: +1 418 656 2131 ext. 2517  
Fax: +1 418 656 2817  
E-mail: nadia.ghazzali@mat.ulaval.ca

## ICWES15: Update and Travel Grants and Scholarships

### Online registration is now open.

Early Bird registration closes on 15 May 2011.  
Please go to [www.icwes15.org](http://www.icwes15.org) for registration.

**Successful authors notified.** Nearly 300 abstracts and proposals from 38 countries were submitted to the ICWES15 Conference Committee in December 2010. Of these, nearly 200 were from countries other than Australia, making this a significant international event. The Technical Committee has reviewed the submissions and all authors have been advised.

**ICWES15 INWES UNESCO Travel Grant for international participants** will cover Conference registration and up to a maximum of AUD\$3000 towards return airfares to Adelaide and accommodation costs during the Conference. Any travel and accommodation costs above this amount must be paid by the participant. Assistance is available to women scientists and engineers from developing countries, who are members of INWES and who have a paper, poster or workshop accepted for presentation at the Conference. Grants will be paid on a reimbursement basis when delegates arrive and register at the Conference in Adelaide (receipts will be required). Applications for this scholarship are to be made to INWES. Details are available at [www.icwes15.org](http://www.icwes15.org). **Applications close 28 February 2011.**

**ICWES15 Travel Assistance Scholarship for international delegates** will cover Conference registration and up to a maximum of \$1500 to-



ward return airfares to Adelaide and accommodation costs during the Conference. Any travel or accommodation costs above this amount must be paid by the delegate. Scholarships will be paid on a reimbursement basis when delegates arrive and register at the Conference in Adelaide (receipts will be required). Applications for this scholarship are to be made to the ICWES15 Conference Committee. Details are available at [www.icwes15.org](http://www.icwes15.org). **Applications close 28 February 2011.**

**ICWES15 UNESCO Travel Assistance for international delegates** will cover Conference registration and up to a maximum of AUD\$3000 towards return airfares to Adelaide and accommodation costs during the Conference. Any travel and accommodation costs above this amount must be paid by the delegate. Assistance is available to women engineers from developing countries who have a paper, poster or workshop accepted for presentation at the Conference. Grants will be paid on a reimbursement basis when delegates arrive and register at the Conference in Adelaide (receipts will be required). Applications for this scholarship are to be made to the ICWES15 Conference Commit-



tee. Details are available at [www.icwes15.org](http://www.icwes15.org).  
**Applications close 28 February 2011.**

**The Korean Association of Women Scientists and Engineers (KWSE) Travel Assistance Scholarships for delegates from South Korea and the Asia and Pacific region** to a maximum value of KWon 2,000,000 (US\$1,900). Applications for this scholarship are to be made to the KWSE directly. Details are available from the [www.icwes15.org](http://www.icwes15.org) or [kwse@kwse.or.kr](mailto:kwse@kwse.or.kr). **Applications close 28 February 2011.**

**Engineers Australia Women in Engineering National Committee Scholarship for Australia**

**lian delegates**, who are members of Engineers Australia, comprising of full conference registration and AUD \$500 towards the cost of travel and accommodation while in Adelaide for the duration of the Conference. Scholarships will be paid on a reimbursement basis when delegates arrive for the conference in Adelaide. Applications for this scholarship are to be made to the Engineers Australia Women in Engineering National Committee. Details are available at [www.icwes15.org](http://www.icwes15.org) or [www.engineersaustralia.org.au/wie](http://www.engineersaustralia.org.au/wie). **Applications close on 28 February 2011.**

## News from INWES

### **Go Eng Girl/GÉNiales: Engaging Girls in Engineering across the Province of Ontario, Canada**

by Márta Ecsedi, P.Eng., FEC  
Founding Chair - Go ENG Girl/GÉNiales, les filles, 2004 - 2008

Go ENG Girl/GÉNiales, les filles is a province-wide initiative to educate and inspire girls grade 7 through 10 to consider engineering as a possible study or career choice. The program, coordinated through the Ontario of Women in Engineering (ONWIE) <http://www.onwie.ca> gives girls and parents an opportunity to visit their local University campus, meet engineering students and professionals, and work with role models and peers on hands-on activities that encourage them to design, create and innovate.

October 1st, 2011 will be the seventh annual event. Traditionally, the event brings together ~700 girls, ~700 parents and guardians, 250 volunteers and organizers in 11 locations across the province of Ontario. At each location, girls work in teams to build all different types of structures – from hydraulic machines and electric circuits to robots and rollercoasters- using the engineering cycle of design, create and solve. Parents are invited to join an informative panel discussion led by engineering faculty, alumnae and students, with the central message that engineering is a “Caring Profession” and degrees and careers in engineering are increasingly be-

coming more diverse. Participants and their parents are able to discover even more about possible education and career paths by visiting interactive exhibits hosted by engineering student groups, organizations, employers and campus clubs.



Most GO ENG Girl/GÉNiales, les filles participants leave with new ideas about how a degree in engineering can lead to rewarding careers involved in working with people, social responsibility and creating designs that improve our quality of life. The evaluations indicate that 90% of the girls and 89% of the parents believe that the day was effective.

Comments made by girls:

- “It showed me that engineering wasn’t just about cars and factories.”
- “GEG changed my view of engineering from nerdy and boring to fun and interesting.”
- “I learned that there are lots of choices and loads of opportunities.”
- “GEG has made me want to be an engineer – I enjoyed talking with women who have succeeded at being an engineer.”

Comments made by parents:



- "It has taken out some of the fear that engineering is so difficult to pursue...I realize engineering is achievable and should be encouraged as an option for girls."
- "I learned how much more there is for my daughter to choose from in the future."

GO ENG Girl/GÉNiales, les filles would not be possible without the ongoing support of the 15

Faculties of Engineering in Ontario and all of the Corporations who sponsored the event.

My statement prior to the first event in 2005:

"Our goal with this event is to challenge and dispel continuing stereotypes about the profession as being male only and to highlight the wide range of new careers that have opened up in engineering that would be attractive to women,"



## Conferences, Workshops & Events

30 March to 2 April | Orlando, Florida, USA  
Women's International Research Engineering Summit (WIRES2)  
[www.wiresnetwork.org](http://www.wiresnetwork.org)

23-24 June | Paris, France  
HELENA International Conference  
*Gender and Interdisciplinary Education for Engineers – GIEE 2011*  
[www.fp7-helena.org/conference2011/](http://www.fp7-helena.org/conference2011/)

19-22 July | Adelaide, Australia  
*15<sup>th</sup> International Conference of Women Engineers and Scientists (ICWES15)*  
[www.icwes15.org](http://www.icwes15.org)

4-9 September | Geneva, Switzerland  
*World Engineer's Convention 2011 (WEC 2011)*  
[www.wec2011.ch](http://www.wec2011.ch)

## INWES Member Newsletter

Deadline for Issue #9: 15 May 2011

Contact: Petra Mayerhofer, Chair Communications & Newsletter Committee  
Email [petra.mayerhofer@dibev.de](mailto:petra.mayerhofer@dibev.de)



## INWES Board

### Executive Committee

- President Sue Bird, WES, UK
- President-Elect Kong-Joo Lee, KWSE, South Korea
- Past President Monique Frize, Pathmakers Program, Canada
- Secretary General Nadia Ghazzali, NSERC-Industrial Alliance Chair for Women in Sciences and Engineering, Canada
- Treasurer Gail Mattson, SWE, USA
- Vice-President Conferences Monique Moutaud, France
- Vice-President Programs Pamela Wain, UK

### Other Board Members

- Yolanda S. George, AAAS, USA
- Issié Yvonne Gueye, CIFISATS, Ivory Coast
- Durdana Habib, WESTIP, Pakistan
- Maki Iwakuma, INWES Japan, Japan

- Petra Mayerhofer, dib, Germany
- Francisca Nneka Okéké, Nigeria
- Yvette Ramos-Aivazian, FI, France
- Anna Szemik-Hojniak, University of Wrocław, Poland
- Unesu Ushewokunze-Obatolu, WOTSAI, Zimbabwe

### Board Committees

- Finance, Chair Gail Mattson
- Membership and Recruitment, Chair Durdana Habib
- Conference, Chair Monique Moutaud
- Program, Chair Pamela Wain
- Communications & Newsletter, Chair Petra Mayerhofer
- Webportal, Chair Petra Mayerhofer
- Nominating, Chair Issié Yvonne Gueye
- Fund Development, Chair Gail Mattson
- By-Laws, Chair Pamela Wain

## INWES Sponsors

Platinum Sponsors: Canadian International Development Agency

Silver Sponsors: SNC LAVALIN, SWE, AAAS, WES UK

Past Sponsors: Canadian International Development Agency, IDRC, Nortel, IBM

*Affiliated with: UNESCO*

## Contact INWES

International Network of Women Engineers and Scientists  
c/o Université Laval  
Alexandre-Vachon Building, Room-2858  
1045 De la Médecine Ave.  
Quebec, Canada  
G1V 0A6  
Phone +(1) 418 656 2131 ext.2517  
Fax +(1) 418 656 2817  
Email [inwes@mat.ulaval.ca](mailto:inwes@mat.ulaval.ca)  
[www.inwes.org](http://www.inwes.org)

Sponsorship information:  
Gail G. Mattson, INWES Treasurer  
Phone +(1) 865-719-9127  
Email [ggmattson@comcast.net](mailto:ggmattson@comcast.net)