Italy Section Affinity Group

"Steering girls to STEM"

Initiatives and tools for making STEM careers more attractive for young girls

A satellite event in the frame of IEEE RTSI 2018 - 4th International Forum on Research and Technologies for Society and Industry "Innovation to shape the future" - Palermo, Italy, September 10-13 2018

by: WIE AG IEEE Italy section, in collaboration with AICA and AEIT

date: September 12 2018, from 9:00 to 13:00

venue: Polytechnic School, viale delle Scienze, 90128, Palermo.

This event has the main objective to present the current initiatives aimed to foster and stimulate women's presence in STEM, sharing the consolidated know how and focusing on related benefits and drawbacks at the same time; the exigency of availability of tools for making STEM careers more attractive for young girls will be highlighted.

It will open with a first panel session where representatives from institutions and companies at national and international level will report their experience and know-how about existing best practices and policies for drawing young girls to STEM. The outcome of this debate will be used as the basis for discussion in the second panel session where representatives of associations dedicated to women in STEM will compare their views about initiatives based on the tools currently available and will propose new tools to boost the involvement of young women in STEM. The proposed solutions will be collected in a "commitment chart", prepared and signed by all participants, to define the way forward, to track the progress of the agreed initiatives and to verify their status after one year.

Furthermore, the coffee break-time planned between the two panel sessions will constitute the occasion to share current best-practices in managing the "gender equality" in funded projects involving the attendants in the poster-session GENEVA (Gender EqualIty iN rEsearch and innoVAtion)

CONSIGLIO NAZIONALE
DEGLI INGEGNERI

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Program

9:00-11:00 *Best practice and polices: companies and institutions in drawing young girls to STEM* (panel session moderated by Prof. Dajana Cassioli, Chair of WIE AG Italy section)

Participants:
- Dr. Alessandra Baldi – MIUR – Dipartimento per il Sistema Educativo di Istruzione e Formazione
- Eng. Ania Lopez - Italian Engineering National Council (CNI)
- Prof. Ilenia Tinnirello - In.Sight srl
- Dr. Maria Eloisa Castagna - STMicroelectronics
- Eng. Enrico Ragaini, PhD - ABB Group
- Dr. Fiorella Lamberti – Leonardo-Finmeccanica S.p.a.

11:00-11:30 coffee break and poster session *GENEVA (Gender Equallty iN rEsearch and innoVAtion)*

11:30 – 13:00 *The way forward: the commitment chart* (panel session moderated by prof. Patrizia Lamberti, vice-chair of WIE AG Italy section)

Participants:
- Eng. Cristina Costa - IEEE WIE AG Italy section
- Prof. Lucia Lo Bello - IEEE-IES Women in Engineering
- Prof. Marco Domenico Santambrogio - Student branch WIE AG – IEEE
- Dr. Lucia di Giambattista - Women in AFCEA. Rome Chapter.
- Dr. Marina Cabrini - "Women in ICT" AICA
- Eng. Manuela Appendino - WeWomEngineers
- Eng. Monica Crosa di Vergagni – AEIT
- Dr. Barbara Falcomer - Valore D

20:30 Prizes for female master and PhD thesis sponsored by IEEE Italy Section & WIE- Italy AG and financially supported by ABB at the RTSI2018 award ceremony.

Poster-Session

Gender EqualIty iN rEsearch and innoVAtion – GENEVA

Description

The initiative is fully consistent with the Gender Equality plan in R & I - H2020 in which the "Science with and for Society" work program aims to support strategies on gender equality.
The three major objectives are:

1. Encouraging gender equality in scientific careers to promote women; in this direction the goal is to limit (remove) all the discriminations that may lead to the limitation of the career of women in the scientific sectors;
2. Promote gender balancing in terms of women involvement in the decision-making process
3. Promote gender mainstreaming in research contents; with reference to the R & I sector (original knowledge / new technologies / innovation), ensure the improvement of the quality of the scientific scenario and enhance the social relevance ensuring the integration of a gender dimension in the contents of the research. In order to produce the most popular goods and services to the markets, it is in fact necessary to acquire in depth the choice of needs, rights and aspects of both genders.

Poster-Presentation of projects in which the theme of gender balancing has been dealt with in line with the principles set out above.
It is expected that the projects shown will go from the more concise treatment to the systematic implementation of the Gender Equality Plan.

In order to encourage the recognition of similar projects and therefore with the objective that the projects presented can be understood as best practices, an overview of the project (topic, national / European call through which it was financed, resources in terms of budget, instrumentation and months / person required for the development of the project itself) is required.

CONTENTS:

With reference to the subject of gender balancing:

- identification of potential critical issues
- articulation of operational solutions to overcome the critical issues encountered (it is appropriate to highlight in this phase also possible Action tools - Structures / stakeholders / cultural organizations - reference that have supported the operational aspects)
- Ex-post evaluation of the impacts (quantitative, also the possibility to access specific incentives for the promotion of gender and qualitative equity) also through synthetic indicators