

**MINUTES OF WFEO-CET 43<sup>rd</sup> MEETING**  
**Sunday 9<sup>th</sup> September 2013, Singapore**  
**9:00 - 13:00**  
**Marina Sands Bay**  
**Convention Center**

**Welcome and Opening Remarks.**

Mr. Alameddine welcomed the members of the committee to the 43<sup>rd</sup> meeting of the Committee on Education In Engineering in Singapore. He expressed his appreciation for them to attend this meeting and the support provided by them.

He thanked Dr. JP Mohsen for his great support throughout this year specially in supporting the chair with his ideas for the website, and the guidance to bring it up to be the best. He asked all to support and promote the Aims and Visions of the committee and WFEO.

Dr. Mohsen also welcomed the members and asked them to offer ideas for discussion and future action. He asked them to discuss a request from ASEE on the topic of “Engineering Education for a Sustainable Future.” After a long discussion, there was an agreement that the next topic of IDEAS issue # 19 be “Engineering Education for a Sustainable Future.”. The discussion focused on best models for infusing sustainability into engineering curricula.

The chairman of the committee requested all the members to submit their ideas on the Plan of Action for 2014 through the next 2 years and expect to receive ideas from the members by the end of September to middle of October 2013.

**Summing-up the year (2011 – 2013)**

Since our meeting in Slovenia, the committee was working on the 9<sup>th</sup> World Congress on Engineering Education Conference in Beirut, Lebanon scheduled for 24<sup>th</sup> and 25<sup>th</sup> of October 2013. The committee has performed the following projects since then:

1. The committee is one of the most valuable committees in the WFEO. It is an ongoing committee in the sense that education is a non stopping process. It is always advancing towards excellence in engineering to advance the knowledge in all means. Many issues was raised through the years and one of them is the Mobility of Engineers which was endorsed by the executive council and is spread to all members in the WFEO and the committee. The nature of this and other issues are still relevant in education and in the engineering education for the well being of the profession.
2. The best approach to fulfill the mission of the education in engineering is the WFEO organization. The needed work is that we should publicize the WFEO among national members having the logo of WFEO available on all the websites of the members so that individuals can look and learn from the outcomes of the congresses and conferences that happen in all the committees and specially the education committee which is the backbone of all engineering profession.

3. The targets of the committee are the national members. Currently we have 36 members from different nations, and we always stress on the point that we should spread the outcomes of the conferences and the IDEAS journal around the world through national members. The issues have been addressed in all congresses and conferences. Thanks to previous chairs of the committee who kept the committee advance.
4. This issue of spreading the outcomes of the committee is well spread because we are making our conferences in all countries around the world. This process makes the outcomes of the committee work visible to surrounding countries, and this issue has been followed throughout the years. Since I became a member in the committee, we had a conference in Hungary and one in Argentina, and now in Lebanon. This means that we are going around the World in different continents to fulfill our mission in all continents.
5. Since the committee was hosted by different countries, the host country is providing support morally and financially. This made the committee well in the front of many other organizations dealing with the field of education. As a matter of fact, we were invited as a committee to be a partner in the ASEE international forum and I was a speaker in the forum together with the incoming president of WFEO Mr. Marwan Abdul Hamid.
6. The committee has one of the most dynamic websites among other committees. We made contacts all around the World this year and contacted more than 6000 colleagues inviting them to the conference in Lebanon. This made the webpage well read and visited.
7. The most contribution we are getting from other national members is their contribution to the conferences in papers and attendance. The papers they are presenting in the conferences and congresses are a big asset and are available on the main page of the website and are published in conference outcomes and IDEAS publication.
8. In 2010 we were part of Ingenera Argentina. This year we will have the 9<sup>th</sup> World Congress on Engineering Education during 24<sup>th</sup> and 25<sup>th</sup> of October 2013 in the beautiful city of Beirut under the title "Impact of Globalization on Engineering Education". The organizing committee made all the effort to let the participants pay minimal registration fee where the lunches and the gala dinner are included in the registration which is \$400. The conference will be held in Habtour-Hilton hotel, a 5 star hotel by all means, and special rates were assigned to participants. The Committee attended the General meeting of the FAE-CET in Amman, Jordan and Sharm El-Cheikh Egypt where they decided to establish an accreditation body for the Middle East and asked our committee to join in the effort of the establishment of the body, and a decree was taken by the FAE-CET that they will be an active member of our committee. We were partners in the first conference which was held on the 28<sup>th</sup> and 29<sup>th</sup> of February 2012 under the title **"The First Conference on Higher Engineering Education in Lebanon"** . the WFEO-CEIE was part of the organizing committee. Also, we were partners in the second conference that was held on the 22<sup>nd</sup> and 23<sup>rd</sup> of March 2012 in Beirut under the title **"The second conference of officials**

**of Engineering Education in the Arab World".** the WFEO-CEIE was part of the organizing committee.

9. The new target of the committee for the next and coming years is to work on the University-Industry relations with UNESCO, with the help of the task group chair Dr. J.P.Mohsen.
10. The Federation of Lebanese Engineers is supporting the Committee in all means necessary to keep the committee in shape. This year they allocated \$80,000 for the conference and are willing to provide whatever is necessary for the committee to fulfill its mission.
11. I think that in this committee, we, the members are working closely to accomplish the mission of the WFEO-CEIE. Every member is a chair and a member, and in this fashion, everybody is working hard to have the committee be an outstanding one.

#### Report by the Vice Chairman on the Working Group on University - Industry

Dr. J. P. Mohsen the chair of the working group, appointed in April 2013 during the meeting in Paris, stated the following about the work done:

The WFEO is working on the main issue of UNESCO by implementing the University/Industry theme. The task force is in the exploratory stage trying to define what is the most effective approach for establishing a protocol for Industry/Academia collaboration.

At the present, work is being done on establishing a model that constitutes an internship program for academia to spend time in an industry setting and having industry partners participating in university continuing education programs. Specifically, direct contacts have been made with Boeing and Caterpillar to explore possibilities. Also, contacts were made with the Corporate Council officers of the American Society for Engineering Education(ASEE).

#### Call for input for the IDEAS magazine No. 19 to be published in October 2014

There was an agreement that the next topic of IDEAS # 19 will be "Engineering Education for a Sustainable Future." The focus will be on best models for infusing sustainability into engineering education.

Since the next WCEE will be held in Lebanon in a few weeks from now, the IDEAS # 18 issue will be the selected presentations that will happen during this conference.

#### Next WFEO CEIE meetings

- Mr. Alameddine asked the members to attend the next 44<sup>th</sup> meeting of WFEO-CEIE to be held in Nigeria.
- The meeting will discuss the future plans for the coming years and the ideas rose from the 9<sup>th</sup> World Congress on Engineering Education.

The meeting was adjourned at 12:30.