

9th WORLD CONGRESS ON ENGINEERING EDUCATION

Presentation's program

Hilton Beirut Habtour Hotel

Horsh Tabet – Sin Elfil | Beirut – Lebanon

Opening Ceremony

Thursday 24/10/2013	EMIRATES HALL
8:00 – 11:00	To be posted

Cocktail break 11:00 – 11:30

Thursday 24/10/2013 Morning

Thursday 24/10/2013	First session EMIRATES HALL
11:30 – 11:45	Keynote speaker – HIGHER EDUCATION - LEBANON
11:45 – 12:30	Keynote speaker – ABET
12:30– 1:15	Keynote speaker – FAE - CET

13:30 – 15:00 Lunch Break

Thursday 24/10/2013 Afternoon – **2 Parallel sessions 1 & 2**

Thursday 24/10/2013	15:00 – 15:30	Keynote speaker for session 1 and 2 Dr. Peter Greenwood “Mobility of Engineering Professionals - What have we achieved globally”
Session 1 : Accreditation of Engineering Programs - Dubai hall B		
Session Chair: Dr. Makram suiedan – Dean College of Engineering and Architects American University of Beirut		
	Title and Author	Abstract #
15:30 – 15:50	The “STANDARD” of Core and Generic Competencies for Argentine Engineer and the Measurement of Institutional Effectiveness. Roberto Giordano Lerena, Sandra Cirimelo, Facultad de Ingeniería. Universidad FASTA. Argentina.	1
15:50 – 16:10	Automated Course Assessment Tools Used at The Lebanese International University. Adnan Harb, Amin Haj-Ali, Samih Abdul-Nabi, Bassam Hussein ³ School of Engineering, Lebanese International University, Beirut, Lebanon,	2
16:10 – 16:30	Coffee break	
16:30 – 16:50	Ethics and Engineers in the New Modern Era: UNIVERSITY PERSPECTIVE Antoine B. Abche, Electrical Engineering Dept., University of Balamand, Tripoli, Lebanon	3
16:50 – 17:10	Have the learning objectives in higher education in Egypt been achieved? Dr. Sherief Abulmagd, Head of Eng. Education Committee, Egyptian Syndicate of Engineers, Prof. of civil Eng. , Helwan Univercity, Dr . Sahar Mohsen Rizk, Expert of Evaluation of Engineering Programs and Evaluation of I.L.Os, Member of Eng. Education Committee, Egyptian Syndicate of Engineers,	4
17:10 – 17:30	Engineering Education and The BOLOGNA Process. Momir Djurovic, Montenegrin Academy of Sciences and Arts, Montenegro - Vlado Lubarda' University of California at San Diego, , La Jolla, CA 92093-0448, USA.	5

Thursday 24/10/2013	15:00 – 15:30	Keynote speaker for session 1 and 2 Dr. Peter Greenwood “Mobility of Engineering Professionals - What have we achieved globally”	
Session 2 : Accreditation of Engineering Programs - Dubai hall A			
Session Chair:		Dr. Amin Haj-Ali – Dean College of Engineering Lebanese International University	
	Title and Author		Abstract #
15:30 – 15:50	Developing a Globalized and Sustainable Mindset in 21st Century Engineering Students – Dr. Patricia Polastri, Texas A&M University, Frank H. Dotterweich College of Engineering, Kingsville, Texas, USA, and Mr. Todd E. Alberts,. Indiana State University, College of Technology, Indiana, USA		7
15:50 – 16:10	Towards a Converged and Global Set of Competencies for Graduates of Engineering Programs in a Globalization-Governed World. Karim J. Nasr, Ph.D., Assistant to the President for Academic Advancement, University of Balamand, Tripoli, Lebanon.		8
16:10 – 16:30	Coffee break		
16:30 – 16:50	Engineering Learning Outcomes Assessment. Khaled Chahine, Mohammad Hammoud, Hassan Bazzi, and Anwar Kawtharani, Lebanese International University, Beirut, Lebanon		9
16:50 – 17:10	A Three-Pillar Engineering Education System: Student-faculty Member-Academic Institution. Marc-Anthony Mannah ¹ , Michel Nahas ² and Milad Ghantous ³ , ¹ Department of Electrical and Electronics Engineering, ^{2,3} Department of Computer and Communication Engineering, School of Engineering, Lebanese International University, Beirut, Lebanon.		12
17:10 – 17:30	Regional Agreements on the Training of Engineers Argentina in Mercosur and latin-America. Daniel Elso Morano ¹ and Marina Larrea ² , ¹ Coordinator of the Strategic Plan for Engineer Training 2012-2016 - Argentinean Education Ministry – Buenos Aires – ARGENTINA, (2) Coordinator of Internationalization of Higher Education - Argentinean Education Ministry – Buenos Aires – ARGENTINA		11

Friday 25/10/2013	9:30 – 10:20	Keynote speaker for session 3 and 4 Dr. Isam Zabalawi "إجراءات بولونيا وتأثيرها على التعليم الهندسي"	
Session 3 : Globalization of Engineering Education - Dubai hall A			
Session Chair:		Dr. Michael Hayek – Dean College of Engineering Notre Dame University	
	Title and Author		Abstract #
10:30 – 10:50	Engineering Education from Different Global Perspectives. Włodzimierz Miszański, Polish Federation of Engineering Associations, Warsaw, Poland.		13
10:50 – 11:10	التعليم العالي الهندسي بين الواقع والمُرتجى د. عبد الحسن الحسيني - أستاذ في كلية الهندسة – الجامعة اللبنانية Kعضو اللجنة العلمية في نقابة المهندسين. "خصائص وكفاءات مهندسي ومعماري القرن الحادي والعشرين و معايير تحديد و بناء نواتج التعلم لبرامج التعليم المعماري".		19
11:10 – 11:30	Insight on Responding to Globalization Driven Changes in Higher Education in Developing Nations. Ahmad Smaili ¹ , Soubhi Abou Chahine ² , Camille Issa ³ , ¹ Mechanical Engineering Department, ² Dean of Students Affairs, Beirut Arab University, ³ Lebanese American University, Civil Engineering Department, Byblos, Lebanon		20
11:30 – 12:00	Coffee break		
12:00 – 12:20	Influence of Globalization in Engineering Education in Palestine. Hani Nigim, Professor, Faculty of Engineering, Birzeit University, Palestine.		21
12:20 – 12:40	Multidisciplinary Approaches in Engineering Education for Global Multidisciplinary Earthquake Engineering from Multidisciplinary to Global Approach. Nisrine Makhoul, Civil Engineering Department, University of Balamand - Tripoli, Lebanon.		22

Friday 25/10/2013	9:30 – 10:20	Keynote speaker for session 3 and 4 Dr. Isam Zabalawi “قراءات بولونيا وتأثيرها على التعليم الهندسي”	
Session 4 : Globalization of Engineering Education - Dubai hall B			
Session Chair:		Dr. Rida Nuwayhid – Dean College of Engineering Rafic Hariri University	
	Title and Author		Abstract #
10:30 – 10:50	Hand-Brain-Alliance. Xiao-Bing Song and Xi-La Liu, Civil Engineering Department, Shanghai Jiao Tong University, Shanghai, CHINA		24
10:50 – 11:10	Incorporating Communication Skills In Engineering Education: The Case of Lebanon. Mona Itani, and Issam Srour, PhD, American University of Beirut, Engineering Management Program, Beirut, Lebanon.		25
11:10 – 11:30	هندسة المساحة وملاءمة مخرجاتها لسوق العمل : حالة تطبيقية في الجامعة د.عبد المنعم قبيسي، عميد كلية الهندسة، الجامعة الاسلامية في لبنان ، م.د. أسامه مصطفى ، الجامعة الاسلامية في لبنان،		26
11:30 – 12:00	Coffee break		
12:00 – 12:20	Extracurricular Service Projects Prepare Engineering Students for Real World Problems. Christopher J. Lombardo, Suvai Gunasekaran, Harvard School of Engineering and Applied Sciences, U.S.A.		27
12:20 – 12:40	University-Industry Collaboration in Engineering Education Against Globalization. Dr. Eng. Aleksandra Legha, ¹ Lecturer, Mechanical Engineering, RHU, BAU and ULF universities, Tripoli Lebanon		28

13:30 – 15:00 **Lunch Break**
Friday 25/10/2013 **afternoon – 2 Parallel sessions**

Friday 25/10/2013	15:00 – 15:30	Keynote speaker for session 5 and 6 Mr. Dirk Bouchar. “The Challenge of Recognition of Qualifications”	
Session 5 : Engineering beyond the classroom - Dubai hall A			
Session Chair:		Dr. Pascal Bemian – Dean College of Engineering USEK	
	Title and Author		Abstract #
15:30 – 15:50	The importance of teaching, supporting learning, designing, and evaluating in Higher Education. Tilda Akiki, USEK, Electrical and Electronic Engineering Department, Kaslik, Lebanon.		6
15:50 – 16:10	Transformative Learning in an Engineering Program. Shady Fraiha ¹ , Rida Y. Nuwayhid ² , ¹ College of Business Administration, ² College of Engineering, Rafik Hariri University, Lebanon		10
16:10 – 16:30	The Effect of Globalization on Education In Virtual University. Asst. Professor .Dr Jameel K. Abeed Sameer I. Abood, asst. Lecturer, Member of Federation of Arab Engineers – CET.		23
16:30 – 17:00	Coffee break		
17:00 – 17:20	Research by Undergraduate Engineering Students. Ali H. Assi, Hassan A.N. Hejase, Department of Electrical and Electronic Engineering, Lebanese International University, Beirut, Lebanon.		29
17:20 – 17:40	AMRO IZAT SALAMEH - EGYPT		35

Friday 25/10/2013	15:00 – 15:40	Keynote speaker for session 5 and 6 Mr. Dirk Bouchar. “The Challenge of Recognition of Qualifications”	
Session 6 : Engineering beyond the classroom - Dubai hall B			
Session Chair:		Dr. Rafic Younes – Dean College of Engineering Lebanese University	
	Title and Author	Affiliation	Abstract #
15:30 – 15:50	Building Information Modeling in civil and construction engineering curricula. J P Mohsen, Speed School of Engineering, University of Louisville, Louisville, KY, USA, R. R. A. Issa, Rinker School of Building Construction, University of Florida, Gainesville, FL, USA.		30
15:50 – 16:10	Engineering Students’ Attitudes Towards Learning Technical English: The Case of Technical Writing Engineering Students. Mira M. Alameddine, College of Arts, Rafic Hariri University		31
16:10 – 16:30	Integration of Mobile Application Development in Computer Engineering Curricula. Milad Ghantous, Michel Nahas, Department of Computer and Communication Engineering, Marc Mannah, Department of Electrical and Electronics Engineering, School of Engineering, Lebanese International University, Beirut, Lebanon- Reine El Khoury, Faculty of Science Education, Saint Joseph University, Beirut, Lebanon.		32
16:30 – 17:00	Coffee break		
17:00 – 17:20	Engineering Education fro Sustainable Development: Case of Palestine Afif A. Hasan, Ahmed Abu- Hanieh, Faculty of Engineering, Birzeit University, Palestine.		33
17:20 – 17:40	Micro and Nano-Technologies: From Research to Education. Rayan Fayad, Amin Haj-Ali, Mohamad Hajj-Hassan, Lebanese International University, Lebanon.		34