

Time	Day 3 Thursday, 16th November 2017					
Venue	Manhattan I Conference/ Breakout 1	Bronx V Breakout 2	Bronx VI Breakout 3	Bronx III Breakout 4	Manhattan VII & VIII Breakout 5	Foyer
Special Sessions	SS 14 Technology-Enhanced Learning	SS 15 Multi-Disciplinary Service Learning & Community Involvement	SS 16 Quality and Mobility of Engineers and Technologists	SS 17 World Class University, Quality, Accreditation & Ranking	SS 18 Design & Innovation	I-PHEX Exhibition
Session Chair	Dr. Norlaili Amir	Assoc. Prof. Dr. Dayang Norhayati Abang Jawawi Dr. Noraini Ibrahim	Prof. Dr. Shahrin Mohammad Dr. Syed Ahmad Helmi Syed Hassan	Prof. Dr. Nordin Yahya Assoc. Prof. Dr. Sabariah Baharun	Assoc. Prof. Dr. Roszilah Hamid Dr. Habibah @ Norehan Haron	I - P H E X E x h i b i t i o n (0 8 : 0 0 - 1 3 : 0 0)
08:30 - 10:00	Dr. Martin Dougiamas <i>Founder and CEO, Moodle Pty Ltd</i> Prof. Dr. Yacob Astatke <i>Assistant VP, International Affairs, Morgan State University</i> Mr. Ken Dunstan <i>Education and Channel Business Manager, MathWorks Asia Pacific</i>	Dr. Aznah Nor Anuar <i>Research Fellow, Center for Engineering Education (CEE), Universiti Teknologi Malaysia</i> Prof. Dr. William Oakes <i>Director, EPICS Program for Purdue University</i>	Dr. Rhys Morgan <i>Director of Engineering and Education, Royal Academy of Engineering</i> Prof. Ir. Megat Johari Megat Mohd Noor <i>Deputy President, Malaysian Society for Engineering & Technology (MySET)</i>	Datin Paduka Ir. Dr. Siti Hamisah Tapsir <i>Director General of Higher Education, Ministry of Higher Education (MOHE)</i> Dr. Michael Milligan <i>Executive Director and CEO, Accreditation Board of Engineering Technology (ABET)</i> Assoc. Prof. Dr. Maria Angeles Martin Prats <i>University of Seville, Spain</i> Prof. Dr. Zainuddin Abdul Manan <i>Deputy Vice-Chancellor (Academic and International), Universiti Teknologi Malaysia</i>	Prof. Dr. Cynthia Atman <i>Director, Center of Engineering Learning & Teaching, University of Washington</i> Mr. Xavier Fouger <i>Senior Director, Global Academia Programs, Dassault Systèmes SE</i> Dr. Ang Liu <i>Director of Engineering Design, University of New South Wales</i>	
10:00 - 10:30	Coffee Break					
10:30 - 11:30	Plenary Forum 2 Current Status, Challenges and Future Direction of Engineering Technology & Technical Education Chairperson: Prof. Dato' Ir Dr. Salleh Jaafar Dr. Michael Milligan <i>Executive Director and CEO, Accreditation Board of Engineering Technology (ABET)</i> Prof. Ir. Megat Johari Megat Mohd Noor <i>Deputy President, Malaysian Society for Engineering & Technology (MySET)</i> Tan Sri Dato' Academician (Dr.) Ir. Ahmad Zaidee Laidin <i>President, Malaysia Board of Technologists (MBOT)</i>					
Special Session	SS 19 Exploring Engineering Education Research, Publication and Networking		SS 20 Intersociety Working Group on Society Management			
Session Chair	Assoc. Prof. Dr. Yudariah Mohamad Yusof		Dr. Norman L Fortenberry			
11:30 - 13:00	Prof. Dr. Roger Hadgraft Prof. Dr. Roger Hadgraft - <i>Director, Educational Innovation and Research, University of Technology Sydney</i>		Dr. Norman L Fortenberry - <i>Executive Director, American Society for Engineering Education (ASEE)</i>			
13:00 - 14:00	Lunch					
13:15 - 14:45	IFEES Executive Committee Meeting II (Members Only)					
14:00 - 15:30	Parallel Session 11	Parallel Session 12	Parallel Session 13	Parallel Session 14	Parallel Session 15	
14:00 - 14:15	A Humanist Engineer by Design <i>Janusz Kozinski</i>	Developing Self-directed Problem Solvers in the Chemical & Biomolecular Engineering Course <i>Charles Ong</i>	The Benefits of Course-based Undergraduate Research Experiences for First and Second Year Engineering Students <i>Brian Todd Bielenberg</i>	Work Based Learning Strategy through a Structured Industrial Internship Program for Undergraduate Student <i>Noor Ilyana Ismail</i>	Learning Theories Applied In Engineering Education: A Case Study <i>Marcos Jolbert Cáceres Azambuja</i>	
14:15 - 14:30	Participation of Students in Multinational Projects – a Pre/Post Comparison of Their Motivation Based on Geographic Location and Gender <i>Jorge Rodriguez</i>	The Development of Personalized Educational Software and CSCL Approach within the STEM Education <i>Oliver Moravcik</i>	"Industrie 4.0" - Are skilled workers and low qualified engineers the Losers? <i>Georg Spoettl</i>	Evaluation and Improvement of Indonesian Massive Open Online Course (MOOC) Interaction Design in MOOC X <i>Zahra Sharfina</i>	Communicating Sustainability: Context Matters <i>Subarna Sivapalan</i>	
14:30 - 14:45	Rethinking Accreditation Criteria to focus on DESIGN <i>Roger Hadgraft</i>	Developing Assessment Tools for Sustainability Learning in Engineering Education <i>Ivan Enrique Esparragoza</i>	Collaboration and Method Sharing Project for Engineering Educators <i>Esther Elly Matemba</i>	Improving English Language Ability for Engineering and Technology Students through Focusing On Grammar <i>Abdul Mutalib Embong</i>	Online Faculty Development Program – A Case Study <i>Rajangam Hariharan</i>	
14:45 - 15:00	Gender and Mathematics Performance of Primary Students in Higher Order Thinking Skills <i>Yudairiah Mohammad Yusof</i>	Bridging the Gap Between First-year Students and Engineering: A Novel Application of Mobile Technologies for Improving Mathematics and Physics Learning <i>Uriel Ruben Cukierman</i>	Develop your own Lifelong Learning Resource: Learners as Active Collaborators <i>Helen Fairweather</i>	Students' Self-Regulated Learning Deficiencies During the Capstone Design Course <i>Oenardi Lawanto</i>	Current Challenges In Science And Technical Education In Africa <i>Eki Tina Aisien</i>	
15:00 - 15:15	Sustaining Learning in Engineering Design Capstone Course using Sociomaterial Approaches <i>Mohd Nazri Mahmud</i>	A Comparative Study Of Active Learning With And Without Using Mind Map Approach <i>Satirenjit Kaur Johl</i>	Cross-Disciplinary Team Learning in Engineering Project-Based: Challenges in Collaborative Learning <i>Abdul Rahim Othman</i>	Structured Techniques in New Academia Learning Innovation (NAL) for Professional Engineering Practices Course <i>Sharifah Hafizah Syed Ariffin</i>		
15:15 - 15:30		Adaptation of Project-Oriented Problem-Based Framework for Teaching Computer Programming <i>Dayang Norhayati Abang Jawawi</i>	Student-centredness in Engineering Education: Where goes the teacher? <i>Su Li Chong</i>	A Streamlined Approach to Enhance the Capacity of Undergraduate IT Students to Deliver High Quality and Demand-Driven Final Year Project: A Conceptual Framework on Collaboration between Industry and University <i>Abudhahri Buhari</i>		
15:30 - 18:00	Closing Ceremony					