

## APPENDIX B

Title report :	<b>IEEE Women In Engineering International Leadership Summit 2017</b>
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Brief Information :	Ir. Mah Siew Kien is currently the Honorary Secretary of Women Engineers Section. She graduated from Universiti Kebangsaan Malaysia in Electrical, Electronic & Systems Engineering.



### **IEEE Women In Engineering International Leadership Summit 2017**

The IEEE Women In Engineering International Leadership Summit 2017 (IEEE WIE ILS 2017) was held on 18-19 September 2017 at Berjaya Times Square Hotel, Kuala Lumpur. The main focus of WIE ILS 2017 is to provide leading-edge professional development for mid-level and senior-level women professionals. Ir. Dr. Leong Wai Yie, Ir. Mah Siew Kien and Ir. Tan Loo Yen from Women Engineers Section, The Institution of Engineers, Malaysia (IEM) attended the 2 days summit which provided opportunity for professional women in all disciplines globally to develop intellectual and broadminded community. The ILS 2017 was officiated by Tan Sri Shahrizat Abdul Jalil, Advisor, Women Entrepreneurs and Professional Development, Prime Minister Department. Tan Sri Shahrizat said a platform had to be provided to help young women excel in Science, Technology, Engineering and Mathematics (STEM). “Women are very technical (their thinking) but they have no means to unleash their talents and achieve their full potential. We should help them to brush on their talents and channel their contributions directly to the development of our country,” Shahrizat said.

The summit brought together female and male leaders who are interested in advancing women in engineering and technology. With the theme, “Empower, Aspire to Inspire”, the summit had successfully inspired all participants through highly interactive sessions.

On the first day of conference, Professor Bozena Pasik-Duncan, IEEE WIE Global Chair 2017 from University of Kansas delivered the keynote address on empowerment. The title of her presentation was Future Women Leaders in STEM. Professor Bozena highlighted the importance of networking as well as build strong communities to make a difference in women’s life. Next, Datin Paduka Dr Siti Hamisah Tapsir, Director General, Ministry of Higher Education (MOHE) delivered the second keynote address on leadership entitled, ““Women in Leadership: Inspiring Positive Change”. According to her, many emerging technology breakthroughs such as artificial intelligence, virtual reality, 3-D printing and autonomous car threaten to disrupt society. One example given was Sophia, the humanoid social robot developed by Hanson

Robotics. Sophia has been designed to learn and adapt to human behavior and work with humans, and has been interviewed around the world. Siti Hamisah also shared the challenges to increase the under-representation of women in engineering. The third keynote address was “Empowering Women Leaders in Engineering” by Prof. Datin Paduka Dr. Aini Ideris, Vice Chancellor, Universiti Putra Malaysia. There were two invited lectures, one which was very inspirational as the speaker, Dr. Aizan Sofia share her experiences on surviving cancer and living with disability. Participants were captivated by the second invited lecture from Rudy Ludinata on how to project a professional women leaders’ image. Rudy shared the importance of managing our professional image as it is the set of qualities and characteristics that represent perceptions of our competence and character as judged by our clients, superiors, subordinates and colleagues.

On the second day of conference, Dato’ Prof. Dr. Noraini Idris, Deputy Vice Chancellor (Research & Innovations), Sultan Idris Education University, and Chair of National STEM Movement presented the keynote address on leadership and innovation. She shared the importance of attracting younger generation into STEM careers. The second keynote lecture was on work-life balance by Prof. Dr. Azni Zain Ahmed, Assistant Vice Chancellor from Universiti Teknologi MARA. Dr Wan Wardatul Amani Bt Wan Salim, Winner of L’Oreal-UNESCO for Women in Science Fellowship, International Islamic University of Malaysia shared her challenges, lessons learned and best practices during her career leading NASA SporeSat in Purdue University. Johan Irwan, Director, Leap Leadership Academy led an interactive entrepreneurship lecture on developing blueprint to lead effectively in the 21st century.

The conference featured four parallel tracks which were entrepreneurship, leadership, empowerment and inspiration. Ir. Dr. Leong Wai Yie from Women Engineers Section shared the risks versus opportunities in the entrepreneurial world on the leadership track. “Perseverance, determination, risk-taking, daring, integrity and honesty are all important elements to succeed as an entrepreneur”, she said. The participants were also treated to handicraft demonstrations by Kraftangan Malaysia.

The 2-days leadership summit had provided excellent networking opportunities for the participants from all over the world and also inspired many women participants to aspire women empowerment.



