



ICT4M 2016



In Collaboration with UIN



WELCOME

SEARCH

ICT4M 2016

Date : 22 - 24 November 2016

Venue : NICT, Syarif Hidayatullah State Islamic University Jakarta, Jakarta

Organizer : *Kulliyah of Information & Communication Technology (KICT) International Islamic University Malaysia*

Co-Organizer : *Syarif Hidayatullah State Islamic University Jakarta, Indonesia*

International Conference on Information & Communication Technology For the Muslim World (ICT4M) homepage. ICT4M is a conference that gathers academicians, researchers, practitioners, professionals and students to address the challenges of Information and Communication Technology (ICT) within the Muslim world. ICT has been identified as a critical entity that is crucial and pervasive in our daily life for conducting relevant activities and task. The use of ICT can improve the effectiveness and productivity at work places and homes. ICT must be seen as a strength that complements our role and responsibilities as leaders, professionals, workers and students of Islam. Information is needed to effectively perform teaching, learning and delivering Da'wah, and its practical implementation. Thus, ICT and its infrastructure should be considered as a factor in the equation of our duties in all aspects of life: in the organizations, schools and mosques. The main Islamic principles should be taken as guidelines for laying the foundation of Islamic code of practices in ICT.

[Read ICT4M Background](#)

[Previous ICT4M](#)

IMPORTANT

Program Schedule and List of Accepted Papers by Track (<http://ict4m.org/2016/11/19/program-schedule-and-list-of-accepted-papers-by-track/>) November 19, 2016

Maps (<http://ict4m.org/2016/11/01/maps/>) November 1, 2016

Register For the Conference (<http://ict4m.org/2016/09/23/register-for-the-conference/>) September 23, 2016

QUICK LINKS

[Accepted Papers \(accepted-papers\)](#)

[Publication \(publication\)](#)

[Join our Big Data Workshop \(/pre-ict4m-big-data-workshop/\)](#)

[IIUM \(http://www.iium.edu.my\)](http://www.iium.edu.my)

[Keynote Speakers \(http://ict4m.org/keynote-speakers/\)](http://ict4m.org/keynote-speakers/)

[Background \(/background/\)](#)

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[ICT4M 2016 Theme \(/theme/\)](#)

[Ticket and Accommodation \(/ticket-and-accommodation/\)](#)

PROCEEDINGS

**6th International Conference on
Information and Communication Technology
for the Muslim World**

—— ICT4M 2016 ——

2016 6th International Conference on Information and Communication Technology for The Muslim World

ICT4M 2016

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MESSAGE FROM THE DEAN

Professor Dr. Abdul Wahab Abdul Rahman
International Islamic University Malaysia



السلام عليكم ورحمة الله وبركاته

Alhamdulillah, all praises be to Allah subhanahu wata'ala

The theme for the 6th International Conference on Information & Communication Technology for The Muslim World (ICT4M 2016) is 'IS 4.0: A Sustainable Socio-Digital World'. Socio-Digital Systems (SDS) uses the understanding of human values to help change technological landscape in this 21st century. Advancement in the technology makes human to be more productive and efficient. Technology shapes our society and in-turn society itself determine how technology is develop, implement and use. The real challenge is to use technology effectively and correctly to benefit and sustain our social-digital world.

In this era of social digital interaction it is inevitable for Muslims to make Information and Communication Technology (ICT) as an enabler and platforms for their daily life, not just at home, in the office but also on the road. The advancement of smart phones and its portability has made technology be used almost in all occasions and situations penetrating into our social interaction not only among friends but also families making the world borderless. Penetration of ICT in our lives has helped us to monitor our health, our spiritual, our promises and many more. ICT4M 2016 hope to bring forward the implications of ICT impacting not only the adults but also our younger generations.

This year ICT4M 2016 provides a new avenue and adventure as our continued collaborative effort between the Kulliyah of Information and Communication Technology (KICT), IIUM and the Syarif Hidayatullah State Islamic University Jakarta, Indonesia, in looking at new opportunity together. Insha Allah with His blessings and guidance both our Universities can be looking together in transforming the Ummah for a better future and well-beings. The conference hopes to be able to gather both educators and practitioners in this multi-disciplinary event to share and discuss on their latest research findings, services and products that can utilize and empower the transformation of the Ummah.

The success of ICT4M 2016 depends on the effort and contribution of all involved in making ICT4M 2016 reality and with that we would like to convey our gratitude and thanks to all parties involved in planning, preparing this conference, especially the conference committee members from KICT, IIUM and University Islam Negeri, (UIN), Syarif Hidayatullah. We would also like to extend our special thanks to the International Institute of Islamic Thought (IIIT), Al-Akhawayn University, ENSIAS, JAKIM and Perpustakaan Negara Malaysia that provide financial support and commitment to the ICT4M 2016.

Finally, we welcome you to Jakarta, Indonesia and we hope that you will take advantage of many wonderful sights and attractions in the city, as well as the natural and man-made wonders nearby during your stay.

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