25th Annual Conference & Exhibition of the Special Libraries Association / Arabian Gulf Chapter

The Internet of Things: The Future of the Connected Internet Societies

07_05 March 2019
Dusit Thani Hotel _ Abu Dhabi, UAE

Plenary Session

The Internet of Things for Librarians:
Reading for the present and looking ahead

Day: 6 March 2019      Time: 14:00 pm      Location: Main Hall
Internet of Things for Librarians: Reading for the present and looking ahead

Recently, Libraries seek to become Smarter Libraries, which simply means redrawing their image and modernizing their role, functions, and services with a vision that is compatible with the future. They can make this achievement by connecting seamlessly with different technologies based on advanced applications and equipment that are controlled by smartphones and other devices. From 3D printers, surveillance cameras, Wi-Fi connected camera for communication to organize events based on holograms and virtual reality applications. Thus, making a quality leap in the services provided by these libraries, and meeting the needs of the library community with great efficiency and speed.

The Internet of Things (IoT) is a cornerstone of all libraries' plans to become smarter, enabling them to achieve integrated connectivity between the various hardware and software within and outside the library through inter-network and network technologies.

IoT enables libraries to monitor the patrons' movement and their Information seeking behavior, as well as to control the display screens and digital signs. Along with improving library staff performance quality by building an interactive environment that enables them to acquire the knowledge and skills necessary to develop their capabilities.

This session will focus on that topic and its related issues.
Objective of the Session:

This session will discuss how librarians and Information specialists can make the most of the tools and programs related to the Internet of things and use them to improve their libraries’ services. In addition to raise the awareness of this technology with possible applications in the Arabic libraries.

Language:

English & Arabic
Nicole Hennig is an expert in emerging technologies for libraries. In her 14 years of experience at the MIT Libraries, she improved a lot of services and successfully executed dozens of projects and initiatives. She won awards for innovation and worked to keep academics up to date with the best mobile technologies. Now she has her own business in the field of emerging and localization of technologies within libraries. She is the author of several books, including: Apps for Librarians: Using the best Mobile Technology to Educate, Create and Engage (2014), Keeping Up with Emerging Technologies (2017), and Siri, Alexa, and other Digital Assistants: The Librarian’s Quick Guide (2018).

Apps for Librarians: Using the best Mobile Technology to Educate, Create and Engage (2014), Keeping Up with Emerging Technologies (2017), and Siri, Alexa, and other Digital Assistants: The Librarian’s Quick Guide (2018)
Prof. Dr. Khaled Mohamed Fargoun
Dean and Vice Dean for Student Affairs of the Faculty of Education, Helwan University (Previously ). Currently Professor & Head of Educational Technology Department.

Master Degree and Professional Doctorate in Information and Education Technology, University of Köln, Germany. He has many research and workshops in the field of employing of modern learning resources in education, including:

- Connecting BCI technology to the Internet of things.
- Computerization of contextual awareness and the use of ambient intelligence.
- Virtualized learning through cloud computing.
- Emerging technology and knowledge society.
- Accelerated learning and smart surfaces.
- HoloLens technology employment to support learning environments.
- Employment of Haptic- Optical Clone Technology in Educational Augmented Reality.
تخرج المهندس راني طه من كلية الهندسة بالجامعة الأمريكية بإمارة الشارقة، وتخصص في هندسة الحاسبات، يعمل بشراكة نسيج منذ عام 2004، أرسى خالما في العديد من مشروعات تطوير وممكين التقنيات لمجتمع المعرفة. يمتلك خبرة معمقة وممارسة وقدرات احترافية في مجالات الحوسبة المحمولة، التحول الرقمي إلى جانب التقنيات المختلفة المستخدمة في المكتبات. وفي إطار منصب كمدير إقليمي أشرف على عشرات المشروعات المبتكرة التي تم تنفيذها في العديد من المكتبات والملاحف ومراكز المعلومات والمعرفة. يمتلك المهندس راني طه شغفًا واهتمامًا كبيرين بتوجهات التقنيات الحديثة وحاجة المتعلقة منها بمجال الحوسبة السحابية، والأجهزة المحمولة، وإنترنت الأشياء بالإضافة إلى البيانات الخفية. والمهندس راني عضو في العديد من المجالات الاستشاري لقسم صناعة الحاسبات بجامعة أبو ظبي، وقسم الكيمياء بجامعة الشارقة بدولة الإمارات العربية المتحدة.

Taha is a Computer Engineering graduate from American University of Sharjah (AUS). Right after his graduation in 2004, Taha joined Naseej and since then, he has been contributing to the development and technology enablement of the knowledge society. He has great knowledge, professional skills and competencies in mobile computing, digital transformation as well as various library technologies. He has sponsored a great number of innovative projects in libraries, museums & knowledge / information centers. Taha is passionate about latest technology trends like Cloud Computing, Wearables, IoT & Big Data. Taha also serves as an advisory board member for Electrical and Computer Engineering Department at Abu Dhabi University & Department of Chemistry at Sharjah University.