

SCITA CONFERENCE - DAY 1 (Mon 27 November 2017) [Lecture Hall]

08:00 - 09:00 am	Registration
09:00 - 09:40 am	Quran Recitation
	Opening Speech [Prof. Amin Noaman, Vice President of Development, KAU]
	Promo Video
	HPC Center @ KAU [Dr. Iyad Katib, Director, HPC Center, KAU]
	KAU Vision for SCITA [Prof. Abdulrahman Obaid Al-Youbi, President, KAU]
	Honouring the Speakers and Sponsors [Prof. Abdulrahman Obaid Al-Youbi, President, KAU]
09:40 - 10:00 am	COFFEE/TEA BREAK
10:00 - 10:10 am	General Chairs' Welcome [Prof. Rashid Mehmood, KAU & Dr. Budhendra L. Bhaduri, ORNL]
	Plenary Session I [Chair: Prof. Simon See]
10:10 - 11:10 am	Superclouds – Scalable High Performance Nonstop Infrastructure for AI and Smart Societies [Prof. Bill McColl, Huawei Research & Oxford University]
11:10 - 12:10 pm	Challenges and Opportunities in the Analysis for Future Urban Transport Systems [Prof. John Polak, Imperial College London]
12:10 - 01:00 pm	LUNCH BREAK
	Plenary Session II [Chair: Prof. Bill McColl]
01:00 - 02:00 pm	Toward the Genomic-Information Society [Prof. Takashi Gojobori, KAUST]
02:00 - 03:00 pm	Big Urban Data, Geospatial Computing, and My 2 Cents in an Open Data Economy [Dr. Budhendra L. Bhaduri, ORNL]
03:00 - 03:30 pm	COFFEE/TEA BREAK
	Plenary Session III [Chair: Prof. Takashi Gojobori]
03:30 - 04:30 pm	AI Computing for Smart Cities [Prof. Simon See, Nvidia]
04:30 - 05:30 pm	The Korean IFEZ Smart-City and its Cloud Data Center for the Local Government [Dr. Sangho Lee, U-CITY]

SCITA CONFERENCE - DAY 2 (Tue 28 November 2017)

08:00 - 09:00 am	Poster Session Registration			
	Plenary Session IV [Chair: Dr. Budhendra L. Bhaduri] (Lecture Hall)			
09:00 - 09:45 am	What makes things smart [Dr. Stefan Weidner, SAP UCC]			
09:45 - 10:05 am	Infrastructure for Smarter Societies [FUJITSU]			
10:05 - 10:20 am	COFFEE/TEA BREAK			
	Plenary Session V [Chair: Prof. John Polak] (Lecture Hall)			
10:20 - 10:50 am	Smarter Cities: The next generation [Dr. Ahmed Shabana, IBM]			
10:50 - 11:30 am	A Smarter Jeddah [Prof. Arwa Al-Aama, KAU]			
11:30 - 12:00 pm	Light Weight Crypto Solutions for Cyber Physical Systems and Mobile Cloud Computing Environment [Dr. Lo'ai Tawalbeh, Umm Al-Qura University]			
12:00 - 01:00 pm	LUNCH BREAK			
	Lecture Hall E-Governance Session [Dr. Maysoon Abulkhair]	Seminar Room 1 Applications Session [Dr. Manar Salamah]	Seminar Room 2 Infrastructure Session [Dr. Aiiad Albeshri]	Seminar Room 3 Healthcare Session [Dr. Fatmah Assiri]
01:00 - 01:15 pm	Analysis of Tweets in Arabic Language for Detection of Road Traffic Conditions [Ebtesam Alomari]	Parallel Shortest Path Graph Computations of United States Road Network Data on Apache Spark [Yasir Arfat]	Big Data and HPC Convergence: The Cutting Edge and Outlook [Sardar Usman]	A Lightweight and Secure Framework for Hybrid Cloud based EHR Systems [Dr. Basit Qureshi]
01:15 - 01:30 pm	Automatic Event Detection in Smart Cities Using Big Data Analytics [Sugimiyanto Suma]	The Application of Geographic Information System (GIS) on five basic indicators of Sustainable Urban Transport Performance [Puji Nadi]	A Framework for Faster Porting of Scientific Applications between Heterogeneous Clouds [Dr. Waseem Ahmed]	Big Data Enabled Healthcare Supply Chain Management: Opportunities and Challenges [Shoayeb Alotaibi]

01:30 - 01:45 pm	Location Privacy in Smart Cities Era [Raed Saeed]	Performance Evaluation of Jacobi Iterative Solution for Sparse Linear Equation System on Multicore and Manycore Architectures [Samiah Alzahrani]	Efficient Execution of Smart City's Assets through a Massive Parallel Computational Model [M. Usman Ashraf]	DNA Profiling Methods and Tools: A Review [Emad Alamoudi]
01:45 - 02:00 pm	Disaster Management in Smart Cities by Forecasting Traffic Plan using Deep Learning and GPUs [Muhammad Aqib]	Parallel Sparse Matrix Vector Multiplication on Intel MIC: Performance Analysis [Hana Alyahya]	Power Efficiency of a SBC based Hadoop Cluster [Dr. Basit Qureshi]	A Smart Pain Management System Using Big Data Computing [Waleed Al Shehri]
02:00 - 02:15 pm	D2TFRS: An Object Recognition method for Autonomous Vehicles based on RGB and Spatial Values of Pixels [Furqan Alam]	Designing PID Controller based Semi-Active Suspension System using MATLAB Simulink [Dr. Mohsin Jamil]	Internet of Vehicles: Integrated Services over Vehicular Ad hoc Networks [Dr. Hasan Ali Khattak]	Towards a Mobile Cloud Framework for First Responder Teams in Smart Emergency Management [Dr. Aakash Ahmad]
02:15 - 02:30 pm	Enabling Reliable and Resilient IoT based Smart City Applications [Thaha Muhammed]	A Safety IoT-Based System for a Closed Environment [Dr. El-Hadi Khoumeri]	Secure Communication Protocol Between Two Mobile Devices Over Short Distances [Dr. M. Umair Khan]	Towards a Semantically Enriched Computational Intelligence (SECI) Framework for Smart Farming [Dr. Asia Khanum]
02:30 - 02:40 pm	Best Paper/Poster Awards Ceremony [Prof. Yusuf Al-Turki & Prof. Amin Noaman, KAU]			
02:40 - 02:45 pm	General Chairs' Closing Speech [Prof. Rashid Mehmood, KAU & Dr. Budhendra L. Bhaduri, ORNL]			
02:45 - 03:30 pm	Networking/Refreshments			

SCITA CONFERENCE - DAY 3 (Wed 29 November 2017)

08:30 - 09:00 am	Registration			
	Lecture Hall	Seminar Room 1	Seminar Room 2	Seminar Room 3
09:00 - 12:00 pm	WORKSHOP: How things are made smart(er) [Part1] [Dr. Stefan Weidner]	Tutorial: Big Data Analytics using Apache Spark with Smart City Applications [Yasir Arfat & Sugimiyanto Suma]	Tutorial: How to run applications on the Aziz supercomputer [Fujitsu]	Tutorial: Location Privacy and the Emerging Smart Cities [Raed Saeed]
10:30 - 11:00 am	COFFEE/TEA BREAK			
12:00 - 01:00 pm	LUNCH BREAK			
01:00 - 04:00 pm	WORKSHOP: How things are made smart(er) [Part2] [Dr. Stefan Weidner]	Tutorial: Programming Deep Learning in TensorFlow with Smart City Applications [Muhammad Aqib]	Tutorial: GPU Programming for Smart Cities with NVIDIA CUDA [Thaha Muhammed]	Tutorial: Parallel Computing with MPI [Sardar Usman & Emad Alamoudi]
02:30 - 03:00 pm	COFFEE/TEA BREAK			

SCITA CONFERENCE (Day 2) - Additional Accepted Papers

08:00 - 09:00 am

Oral Presentations

A Theoretical architecture for Traffic Management through Software Defined mobile network in 5G environments [*Ahmed Alshafut, and Vijey Thayananthan*]

IoT-based Implementation and Mobility-driven Management of the Smart and Energy Efficient Home Appliance Ecosystem [*Aakash Ahmad, Ahmed B. Altammimi, and Mohammad T. Alshammar*]

Land Suitability Assessment for the Potential Location of Transit Oriented Development (TOD) [*Herika Muhamad Taki, Satria Antoni, Mohamed Mahmoud H. Maatouk, and Emad Mohammed Qurnfulah*]

Maintaining Trust through Continuous Assessment [*Hasan Ali Khattak, Ahmad Ali, Mansoor Ahmed and Zoobia Ameer*]

Preserving Privacy of Smart Cities based on the Fog Computing [*Adnan Ahmad Abi Sen, Fathy Albouraey Eassa, and Kamal Al-Jamby*]

Towards a Mobile Cloud Framework for First Responder Teams in Smart Emergency Management [*Aakash Ahmad, Numra Saeed, Ahmed B. Altammimi, and Abdulrahman Alreshidi*]

Towards a Model-Based Testing Framework for the Security of Internet of Things for Smart City Applications [*Moez Krichen, Omar Cheikhrouhou, Mariam Lahami, and Afef Jma*]

SCITA CONFERENCE (Day 2) - Accepted Posters (Second Call)

08:00 - 09:00 am	Poster Session
	A Context-Aware Spatio-Temporal Framework to Connect Massive Crowd in Smart Cities around the World [Dr. Mohamed Abdur Rahman]
	A Luggage Checkin Application [Amna Moussa, Mona Abdulbaqi, Sarah Al-Ghamdi, Shahad Sait, Shorouq Basnawi, and Sara Yousef]
	BalSaM A Smart Medication Management System [Atheer Al-Omary, Mariam Al-Ghamdi, Shatha Al-Ahmadi, Malak Al-Zahrani, Alaa Al-Sayed, and Reem Al-Otaibi]
	Comparison-Shopping Websites in Saudi Arabia- Loans as a Case Study POSTER3 [Muath Alfawzan, and Raad Alturki]
	Crowd Detection Management System [Azzah Alzahrani, Bashayer Ahyaf, Bushra Alghamdi, and Wafa Shalash]
	Diagnostic System For Articulation Measurement [Hanin Lutfi Falatath, Rawan Abdullah Al-shehri, Nouran Azam Naizer, Wafaa Hamdan Al-shehri and Haneen Hasan Alahamadi]
	Donation Management System for Community Service [Nuhaa Alshawi, Reham Alattas, Ghofran Melibari, and Hanene Ben-Abdallah]
	iKaaba [Kholoud Ali, Noura Ashmeel, Hana'a Bantan, Hawazen Al-Zahrani, and Noof Rahimi]
	Image Assistant [Latifa Aljiffry - Raghdah Nahhas - Noora Alhindi - Somayah Alamoudi, and Amani Tariq Jamal]
	Indoors Localization and Routing Mobile Application [Mary Hadi]
	JEDFoodTrucks [Raghdah Nahhas, Noora Alhindi, Somayah Alamoudi, Latifa Al-Jiffry, Amani Jamal and Arwa Magrabi]
	Mathy [Aljohara Alshaeri, Ahad Alshumrani, Abrar Alotaibi, Marwa Alshaikh, and Ahad Ba-Abdullah]
	Person Safety and GPS Tracking Using IoT based on Arduino and 4G Technologies [Amir Hammami, and Ahmed Eddaoui]
	Predicting Student's Performance Using Data Mining Techniques [Njoud Alangari, and Raad Alturki]
	SafeChild [Nada Alsaab, Ameera Milibari, and Heken Bakhsh]
	School Bus Tracking Application [Nouf Al.Nejaimi, Maram Al.Ghamdi, Amal Al.Ghamdi, Amal Balkhair, and Haneen Al.Ahmd]
	Smart Child Protection System [Salwa Alzahrani, Maryam Alghamdi, and Rawan Altalhi]
	Tangible Geogrpahic Table [Afaf Alamri, Asmaa Al-thaqafi, Ebtissam Alshehri, Haneen Albarqi, Ebtihal Alqarni, Koloud Aljehani, and Wafa Almukadi]
	Toward KAU Smart Campus with Interactive Context aware Mobile Augmented Reality [Mohammed Salim Almaliki, Bassam Abdulhafeth ALsaedi, and Ahmad Hoirul Basori]