Monday, 31/10/2016

08:00 - 09:00	**VIP 'Discover America' Breakfast Dialogue (By Invitation Only)**
08:00 - 09:00	**Registration and Coffee**
08:00 - 15:30	**Exhibition Hall Opens**
09:00 - 09:05	**Opening Ceremony**
09:05 - 09:10	**Opening Welcome** His Excellency Humaid Mohammed Obaid Al Qatami, Chairman of the Board and Director-General , Dubai Health Authority, UAE H. Stephen Lieber, CEO & President, HIMSS
09:10 - 09:15	**DHA EMRAM Awards**
09:15 - 09:45	**Visit to the Exhibition Hall**
09:45 - 10:15	**Welcome Remarks: Genomics and Personalized Medicine** Dr. Ayesha Almutawa, Chief Innovation Officer, Ministry of Health, UAE
10:15 - 10:55	**Decoding the Genome on a Massive Scale: Saudi Human Genome Project** Dr. Brian Meyer, Chairman, Department of Genetics, King Faisal Specialist Hospital and Research Centre (KFSHRC), KSA Dr. Mohamed Abouelhoda, Head, Bioinformatics Team, Saudi Human Genome Project, King Faisal Specialist Hospital and Research Centre (KFSHRC), KSA
10:55 - 11:15	Coffee Break
11:15 - 12:15	**Genomics for an Entire Nation: The Qatar Genome Project** Dr. Said Ismail, Manager, Qatar Genome Project, QA Dr. Mohamed-Ramzi Temanni, Manager - Bioinformatics Technical Group, Research Branch, Biomedical Informatics

	Division, Sidra Medical and Research Centre, QA
12:15 - 13:15	Networking Lunch
13:15 - 14:00	**High Performance Computing for Genomics - From Cluster to the Cloud** Gaurav Kaul, Solutions Architect, Intel Corporation, UK

As precision medicine grows at an exponential pace, the pressure to explore and analyze the genomic data horizontally and longitudinally grows significantly. It is a well-known fact that most life science workloads are I/O or memory bound or both. Therefore, it is important to look at a system level and explore the potential bottlenecks that processing these workloads may face at storage, fabric and compute sub-systems and their interfaces. In order to rationalize these design decisions and provide a seamless and future proof integrated architecture, Intel and ecosystem partners have started working on the vision of the Scalable Systems Framework (SSF). Using SSF we can deliver high performance computing services using a traditional cluster compute model or an agile cloud deployment model. In this talk, we will cover the technical building blocks of SSF from the prism of life science workloads, business drivers which may prefer cluster, cloud or hybrid model and how to securely share data between different genomic sites based on Intel platform.