معهد قطر لبحوث الحوسبة
Qatar Computing Research Institute
Member of Qatar Foundation عضو في مؤسسة قطر

Press Release

TOP MACHINE LEARNING AND DATA ANALYTICS EXPERTS LEAD DISCUSSIONS IN HEALTHCARE AND SECURITY

Boeing And Qatar Computing Research Institute Announce The Speakers For The Second Annual Machine Learning And Data Analytics Symposium In Doha

DOHA, Qatar, 7 March 2015: Boeing [NYSE:BA] and Qatar Computing Research Institute (QCRI), a member of Qatar Foundation for Education, Science and Community Development, have announced the speaker lineup for the Second Annual Machine Learning And Data Analytics Symposium (MLDAS) that will take place this week.

The symposium, on 9 and 10 March, is open to students, researchers and industry experts, and will feature top global experts discussing applications, recent advances, and new solutions in the fields of machine learning and data analytics. The two-day event will be held at the Qatar National Convention Centre.

The symposium demonstrates QCRI's endeavours to support Qatar Foundation in its mission to build the country's innovation and technology capacity in line with the Qatar National Vision 2030.

The first day will focus on applying machine learning to healthcare and medicine. There will be several talks, panels and discussions on health records and genomic data led by David Page and Mark Craven from the University of Wisconsin. Jenna Wiens, from the University of Michigan and a Forbes '30 Under 30' honouree, will lead an overview of how to use spatiotemporal patient data to improve patient outcomes. Rich Caruana, from Microsoft Research, will present his work on intelligible models for healthcare.

The second day will focus on machine learning for graph data, security and surveillance. Christos Faloutsos from Carnegie Mellon University will discuss how large graphs can be mined for fraud detection. Polo Chau of Georgia Institute of Technology will lead a discussion of how graph mining and visualisation can help untangle the complicated data trails left by cyber criminals to cover their tracks.

Other expert speakers on the second day contributing to the discussions on security and social media include Mubarak Shah from the University of Central Florida; Noshir Contractor of Northwestern University; Gary Delany of CSIRO (Commonwealth Scientific and Industrial Research Organisation); and Jaideep Srivastava and Divy Agrawal of QCRI.

Supplementing the two-day symposium will be a hands-on machine learning workshop for students, which will take place on 12 March at Carnegie Mellon University in Qatar. The workshop aims to introduce the theory and basic concepts of machine learning, and the application of machine learning to practical data mining tasks. Registration information for the workshop can be found at www.mldas.org.

ص.ب. 5825
برج التورنيدو، الطابق 10
الخليج الغربي، الدوحة - قطر
هاتف +974 4454 1426
فاكس +974 4454 0630

P.O.Box 5825
Tornado Tower, 10th Floor
West Bay, Doha - Qatar
Tel +974 4454 1426
Fax +974 4454 0630

www.qcri.qa

"Data mining and machine learning are revolutionising the use of data analytics in all facets of human endeavour, from recognising and decoding images, to learning customer preferences, identifying and predicting disease causing genes, understanding social networks, and more," said Dr Mohammed J. Zaki, Principal Scientist, QCRI and co-chair of the symposium.

"The overwhelming response to the second QCRI-Boeing MLDAS symposium, with submissions from 21 countries and over 250 registrations from various constituents in Qatar, the Middle East, and indeed, from all over the world, firmly attests to the potential of data analytics in solving real-world problems in various fields. The symposium cements the growing research partnership between Boeing and QCRI, which is rapidly establishing itself as a world-class institute in the science and art of data mining and learning, among other areas."

Dr Dragos Margineantu from Boeing Research & Technology (BR&T) and co-chair of the symposium added: "By focusing on areas of high interest for the machine learning and data analytics communities, our speakers and participants will be able to present and exchange detailed ideas that will drive research on these important topics.

"This symposium is becoming a premier venue for sharing the most recent advances in applied machine learning and data analytics, two key areas of growth for BR&T. We are very excited about the interest and response that we got from the potential attendees."

The full agenda and further information about the symposium can be found by visiting www.mldas.org.

ENDS

For more information, please contact:
Kimberly Mathern
Qatar Computing Research Institute
Office: +(974) 4454 2515
Email: kmathern@qf.org.qa

Fakher Daghestani
Middle East Communications
Boeing
Office: +971 4 213 4703
Mobile: +971 50 6254855
Email: fakher.a.daghestani@boeing.com

About Qatar Computing Research Institute

Qatar Computing Research Institute (QCRI) was established in 2010 by Qatar Foundation for Education, Science and Community Development, a private, non-profit organisation that is supporting Qatar's transformation from a hydrocarbon-based economy to knowledge-based economy.

QCRI is a national research institute supporting Qatar Foundation's mission to build Qatar's innovation and technology capacity by focusing on large-scale computing challenges that address national priorities for growth and development.

In doing this, QCRI conducts world-class multidisciplinary computing research that is relevant to the needs of Qatar, the wider Arab region, and the world. It performs cutting-edge research in such areas as Arabic language technologies, social computing, data analytics, distributed systems, cyber security and computational science and engineering.

The research conducted at QCRI is aligned with the Qatar National Research Strategy and supports the strategic priorities outlined in the Qatar National Vision 2030. For more information, please visit www.qcri.qa.

About Boeing Company

Boeing is the world's largest aerospace company and leading manufacturer of commercial jetliners and defence, space and security systems, with more than 165,000 employees in 70 countries. Boeing products and tailored services include commercial and military aircraft, satellites, weapons, electronic and defence systems, launch systems, advanced information and communication systems, and performance-based logistics and training. For more information about Boeing please visit: www.boeing.com.