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Dr. Ramayya Krishnan, the Dean of Carnegie Mellon University's prestigious Heinz College, is to address the fourth Machine Learning and Data Analytics Symposium (MLDAS) in Qatar on Monday, March 13.

Dr. Krishnan will be discussing "Integrating Machine Learning and Social Science Methods: Toward a Data Intensive Social and Decision Science" at the symposium, organized by Hamad Bin Khalifa University's Qatar Computing Research Institute (QCRI) and The Boeing Company.

Dr. Sanjay Chawla, Principal Scientist of QCRI's Data Analytics group described Dr. Krishnan as a "world-leading authority on the application of operations research and management science to consumer and social behavior."

Dr. Krishnan is among more than a dozen world-class computing experts who will address the symposium. Other speakers at the event will include Dr. Rajeev Rastogi, the Director of Machine Learning at Amazon, India, who will speak on "Machine Learning @ Amazon." Dr. Bryan Matthews, of NASA Ames Research Center, will also discuss "Applications of Anomaly Detection and Precursor Identification in Airspace Operations," and Dr. Christian Walder, of CSIRO Australia, will talk about "Composing Music with Recurrent Neural Networks" as part of a varied agenda.

"This year's program will build on the past three events, in which more than 30 researchers of international standing, many of them ACM and IEEE fellows, have given talks at MLDAS," Dr. Chawla said.

"Over the past five years we have matured many solutions that rely on machine learning and provide accurate predictions and detections. We now started to have an understanding how to take those predictions and transform them into decisions and actions. That will ultimately change our world for the better. That why we are here - to discuss the challenges that we have ahead in making Machine Learning and AI useful for our costly and complex tasks" said Dragos Margineantu, Technical Fellow, Boeing Research & Technology.

The symposium has become the leading data science event in the region and is a platform in which some cutting-edge technologies are introduced and explained to scientists, students and other industry players. Topics that drive ML and AI - such as deep learning, computer vision, scalable cloud analytics, scientific discovery, and medical informatics - will all be discussed and presented at MLDAS 2017.

The event will be held at the Qatar National Convention Centre on March 13th and 14th. For more information on the conference, please visit: www.mldas.org.