

1st Workshop on Cognitive Systems and Watson



National University of Singapore

12 September 2014

Steering Committee:

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Venue:

NUS
Computing 1
13 Computing Drive
Singapore 117417
Seminar Room 1 (SR 1)
#02-06
(Click for floor map)

Location Map:



An Information System, called Watson by IBM, became the champion of the Jeopardy! competition in Feb 2011. Since then, renewed interest in Cognitive Systems and related business applications have spurred around the world. IBM has recently announced core Watson products and Software-as-a-Service capabilities for commercial applications, as well as new partner ecosystems and venture investments on such offerings.

On the other hand, National University of Singapore has been contributing with research to several cognitive computing competences and new applications in a variety of domains, ranging from Multilingual Natural Language Processing and Speech-based Human-Computer Interfaces to Unstructured Text Mining, and from Business Analytics in industries and line-of-businesses such as Financial Services, Supply-Chain Operations, Defense, Education, Risk Management, Health Care and Telecommunications to providing entrepreneurship education and supporting students with entrepreneurial endeavors.

This **Workshop on Cognitive Systems and Watson** is jointly hosted by both organizations, exclusively attended by technical representatives from IBM, NUS faculty and students. The goal of the Workshop is to learn about Watson capabilities, review selected new advances in Cognitive Systems, discuss business applications and potential start-up activities, and possible future directions of this domain collaboratively across NUS School of Computing, Business School and IBM technical leaders, researchers and trainers.

Participation in this event is only by invitation issued by the Steering Committee.

Programme

8:45 - 9:00	Coffee and Registration	
9:05 - 9:15	Welcome address	David Rosenblum, Dean School of Computing
9:15 - 10:00	A vision on Cognitive Systems and Technical Directions in IBM	Jim Spohrer, Director IBM USA
10:00 - 11:00	Building IBM's Watson: Technical Insights into the Jeopardy!-winning DeepQA Technology	Siddharth Patwardhan IBM Watson Div - USA
11:00 - 12:30	Tutorial on Watson Engagement Advisor – Development Cloud	Armen Pischdotchian IBM Watson Div - USA
12:30 - 1:30	BUFFET LUNCH	
1:30 - 2:00	Natural Language Processing in a World of Many Languages	NG Hwee Tou - NUS
2:00 - 3:00	Advances in Cognitive Solutions using Watson	Nanda Kambhatla IBM Research
3:00 - 3:30	Cognitive Biases and Predictive Analytics	TEO Chung Piaw - NUS
3:30 - 3:45	COFFEE BREAK	
3:45 - 5:00	Start-ups and Business Applications: Cognitive Business Systems and Ecosystems Economy	Juzar Motiwalla and Keith Carter - NUS
5:00 - 5:15	Closing	Jorge Sanz



NUS Business School
Business Analytics Centre
in collaboration with IBM

School of Computing
Innovation &
Entrepreneurship

