



Microsoft Research

Faculty
Summit

2014 15TH ANNUAL



Microsoft Research

Faculty Summit

2014 15TH ANNUAL

Peter Lee

Corporate Vice President

Microsoft Research





Microsoft Research

Faculty Summit

2014 15TH ANNUAL

Innovate for the Future

Harry Shum, PhD
Executive Vice President
Technology and Research



Welcome



Rick Rashid



Peter Lee



Jeannette Wing



Tony Hey



P. Anandan

“Our industry does
not respect tradition
-it only respects **innovation.**”

Satya Nadella , Microsoft CEO

The Platform and Productivity Company
for the mobile-first
and cloud-first world



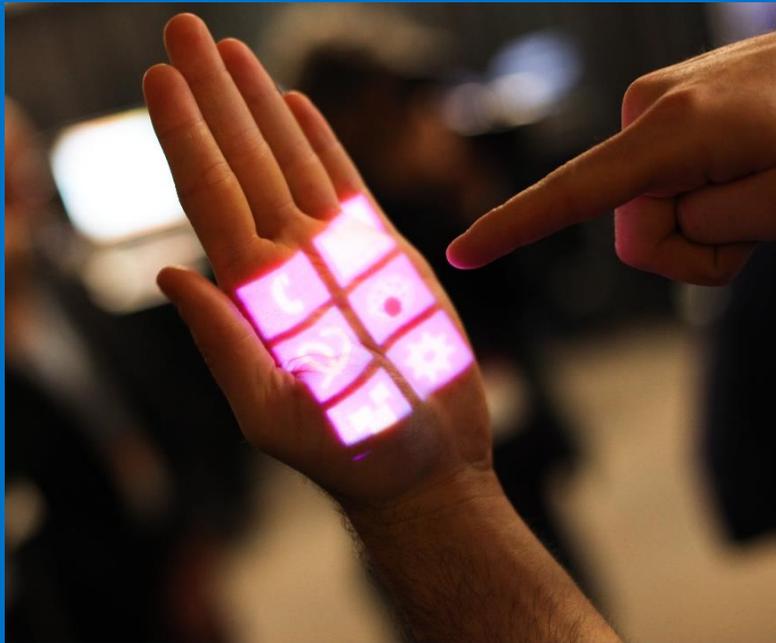
Ambient Intelligence

Sensors Everywhere



Ubiquitous Computing

Microsoft Research in the new era



World class research



Great product impact



Next big things

Microsoft Research in the new era

Great minds

Leslie Lamport
2013 Turing Award





Reserved
Parking

Turing Award
Winner

Microsoft Research in the new era

Great minds

R. Preston McAfee
Chief Economist



Microsoft Research in the new era

Some exciting research areas

Economics,
Computation
& Forecasting

QUARTZ

Now reading [TOP NEWS](#)

With Germany's win today Microsoft perfectly predicted the World Cup's knockout round

By [Max Nisen](#) | [@MaxNisen](#) | July 13, 2014



Microsoft Research in the new era

Some exciting research areas

Quantum
Computing

HOME SEARCH

The New York Times

TECHNOLOGY

Microsoft Makes Bet Quantum Computing Is Next Breakthrough

By JOHN MARKOFF JUNE 23, 2014



Microsoft Research in the new era

Some exciting research areas

Hardware

WIRED

GEAR SCIENCE ENTERTAINMENT BUSINESS SECURITY DESIGN OPINION MA



Better technology
is better business.

Learn More >

Roll over for legal.

ENTERPRISE

Bing

chips

data centers

FPGAs

Microsoft Supercharges Bing Search With Programmable Chips

BY ROBERT MCMILLAN 06.16.14 | 6:30 AM | PERMALINK



1.1k



548



142



401



3



Microsoft Research in the new era

Making product impact



Office Mix

Microsoft Research in the new era

Making product impact



Office Mix



Skype Translator

Microsoft Research in the new era

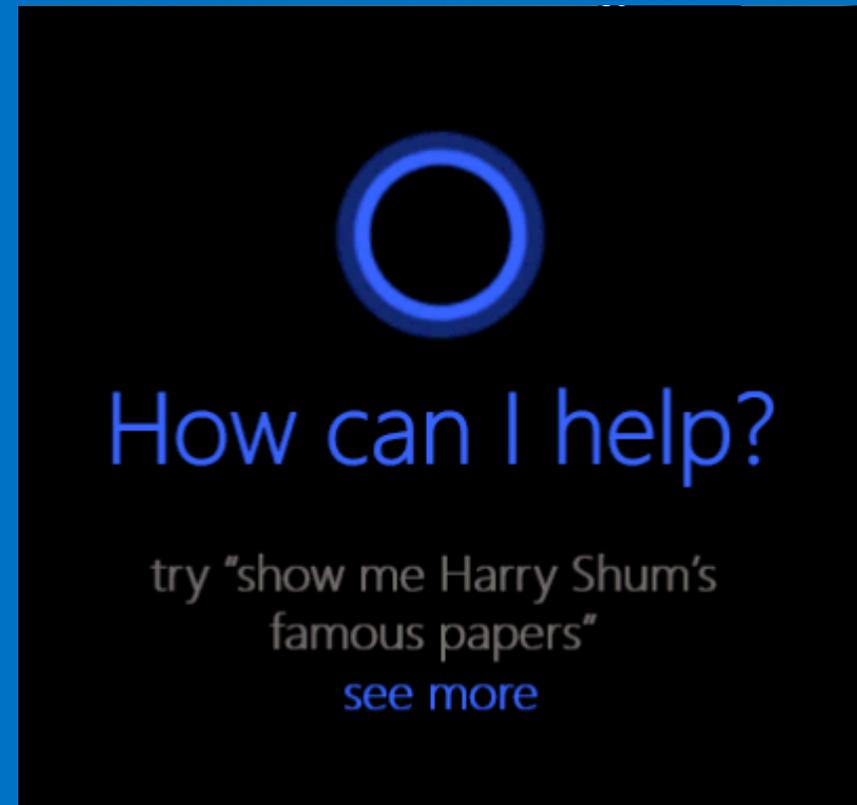
Making product impact



Office Mix



Skype Translator



Skype Translator

Demo: Cortana

Darrin Eide
MSR

<http://aka.ms/AcademicProfile>



Cortana Demo
Darrin Eide
MSR

Microsoft Research in the new era

Exploring next big things



Lab of Things

Microsoft Research in the new era

Exploring next big things



Lab of Things



Viiboard of Things

Demo: ViiBoard

Daniel Robbins
MSR

Microsoft Research in the new era

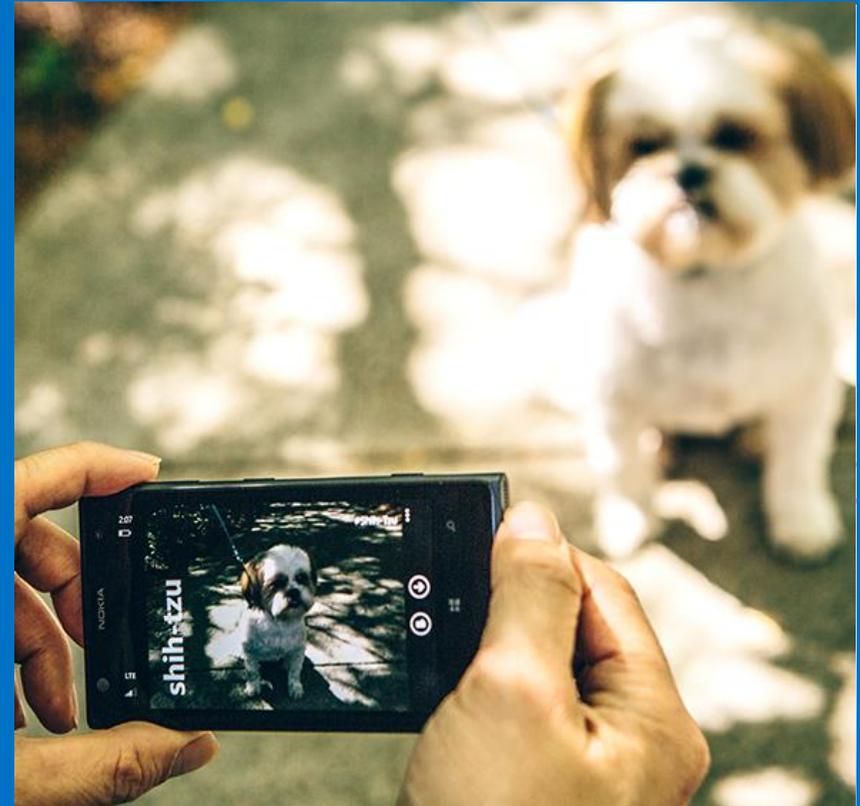
Exploring next big things



Lab of Things



ViiBoard



ViiBoard

Demo: Adam

Johnson Apacible
MSR

MSR: Innovate for the Future



Research something new



Deploy in production, learn and iterate



Innovate next big things



Deliver customer value and business impact

Thank You





Microsoft Research

Faculty
Summit

2014 15TH ANNUAL

Microsoft Research
Faculty Fellows

Recipients



Yong-Yeol Ahn

Assistant Professor

School of Informatics and Computing

Indiana University Bloomington

Recipients



Byung-Gon Chun

Assistant Professor

Department of Computer Science and Engineering
Seoul National University

Recipients



Diego Fernández Slezak

Assistant Professor

Department of Computer Science

University of Buenos Aires

Recipients



Roxana Geambasu

Assistant Professor
Computer Science Department
Columbia University

Recipients

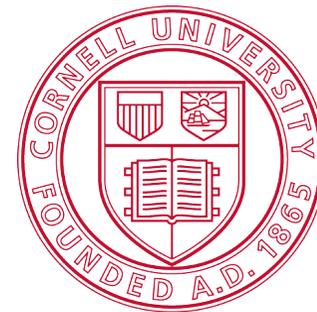


Percy Liang

Assistant Professor
Computer Science Department
Stanford University



Recipients

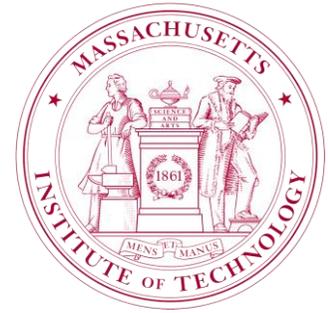


David Steurer

Assistant Professor
Department of Computer Science
Cornell University



Recipients



Vinod Vaikuntanathan

Assistant Professor

Electrical Engineering & Computer Science Department
Massachusetts Institute of Technology



Microsoft Research

Faculty Summit

2014 15TH ANNUAL