



MITCNC  
TECH TRACK

MENS ET MANUS + INTELLIGENT MACHINES

# FUTURE [OF] INDUSTRIES INDUSTRIES [OF] FUTURE

MIT AI 2018

April 20 - 22, 2018



Alyce



GENERAL  CATALYST

ibex.

lumiata



McKinsey&Company



ANGELS  
MIT ALUMNI ANGELS  
OF NORTHERN CALIFORNIA



Google



ScienceVR



UPLoAD



YoungWorks

InterContinental San Francisco  
888 Howard Street, San Francisco, CA 94103

Contact  
[tech@mitcnc.org](mailto:tech@mitcnc.org)

# PROGRAM AGENDA

## Friday, 20<sup>th</sup> April 2018

8:00 AM – 10:00 PM

8:00 AM  
**Breakfast & Registration**

📍 InterContinental Ballroom



9:00 AM  
**Welcome**

📍 InterContinental Ballroom



9:10 AM  
**Morning Keynote**

📍 InterContinental Ballroom



 **Zia Chishti**  
CEO - Afiniti

9:35 AM  
**Coffee Break**

📍 InterContinental Ballroom



9:45 AM  
**Session Block**

### TRACK 1

📍 InterContinental 3rd Floor Grand Ballroom

**Staying Competitive in the World of AI in Finance**



**Moderator Selina Wang**  
Reporter - Bloomberg



**Ananth Madhavan**  
Global Head of Research for ETFs and Index Investing - Blackrock



**Christina Qi**  
Co-Founder / Partner Domeyard Fund



**Zulfikar Ramzan**  
CTO - RSA



**Keith Rabois**  
Managing Director Khosla Ventures

### TRACK 2

📍 InterContinental 5th Floor Ballroom A

**AI Around All Us**



**Moderator Ting Ting Luo**  
Senior Product Marketing Manager DocuSign



**Sandra Carrico**  
VPE & Chief Data Scientist WattzOn



**David Cox**  
Director - MIT-IBM Watson AI Lab



**Vinay Seth Mohta**  
Managing Director - Manifold

### TRACK 3

📍 InterContinental 5th Floor Ballroom B & C

**Unleashing Industrial AI**



**Moderator Maryanna Saenko**  
Senior Associate DFJ Industrials



**Michael Dolbec**  
Managing Director - GE Ventures



**Kanu Gulati**  
Principal - Khosla Ventures



**Karpagam Narayanan**  
Co-Founder - eKryp



**Yvonne Wassenaar**  
CEO - Airware

### TRACK 4

📍 InterContinental Union Square



**Moderator Junaid Mohiuddin**  
SaaS Lead

This 'un-conference' style track will bring insightful moderators from the industry to facilitate candid and interactive conversations addressing the top issues is AI.

11:05 AM  
**Coffee Break**

📍 Grand Ballroom

11:20 AM  
**Session Block**

### TRACK 1

📍 InterContinental 3rd Floor Grand Ballroom

**Re-engineering for an AI-First World**



**Moderator Mark Gorenberg**  
Managing Director - Zetta Venture Partners



**David Elkington**  
CEO - InsideSales.com



**Spence Green**  
Co-founder & CEO - Lilt



**Dr. Jennifer Kloke**  
VP of Product Innovation - Ayasdi



**Slava Zhakov**  
CTO - Genesys

### TRACK 2

📍 InterContinental 5th Floor Ballroom A

**Applying AI Research to Production**



**Moderator Elizabeth Dvoskin**  
Silicon Valley Correspondent - Washington Post



**Anima Anandkumar**  
Principal Scientist - Amazon AI



**Richard Socher**  
Chief Scientist - Salesforce



**Jeffrey Welser**  
VP & Lab Director IBM Research Almaden - IBM Research

### TRACK 3

📍 InterContinental 5th Floor Ballroom B & C

**AI in the Physical World**



**Moderator Karen Robinson**



**Regina Clewlow**  
CEO-Founder - Populus



**Nikhil Naikal**  
CEO - Mapper



**Cynthia Yeung**  
COO - Cafe X

### TRACK 4

📍 InterContinental Union Square



**Moderator Michelle Koh Potts**  
Solutions Lead

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12:40 PM  
**Lunch Break**

📍 Grand Ballroom



## 2:10 PM Session Block

### TRACK 1

📍 InterContinental 3rd Floor Grand Ballroom  
**Startups in the AI Ecosystem**



**Moderator**  
**Jocelyn Goldfein**  
Managing Director - Zetta  
Venture Partners



**Catherine Havasi**  
CEO - Luminoso



**Or Hiltch**  
Co-Founder & CTO - Skyline AI



**Nancy Hua**  
CEO - Apptimize



**Todd Mostak**  
CEO & Founder - MapD

### TRACK 2

📍 InterContinental 5th Floor Ballroom A  
**AI Around the World**



**Moderator**  
**Fang Yuan**  
VP - Baidu Ventures



**Michael Chui**  
Partner - McKinsey



**Ayesha Khanna**  
CEO - ADDO AI



**Gregory Renard**  
Chief AI Officer - xBrain



**Pascal Weinberger**  
Head of AI - Telefonica Alpha

### TRACK 3

📍 InterContinental 5th Floor Ballroom B & C  
**Customer-Centric Fintech**



**Moderator**  
**Jake Seid**  
Managing Director - Stone Bridge  
Ventures



**Menglin Cao**  
SVP, Enterprise NLP, Text, and Speech  
Analytics and Solutions - Wells Fargo



**Youssef Lahrech**  
Senior Vice President  
Capital One



**Vipin Mayar**  
AI/Analytics Lead  
Fidelity Investments



**Jared Souter**  
Chief Data Officer  
First Republic

### TRACK 4

📍 InterContinental Union Square



**Moderator**  
**Jesus Bolivar**  
Platform Lead

This 'un-conference'  
style track will bring  
insightful moderators  
from the industry to  
facilitate candid and  
interactive conversations  
addressing the top  
issues is AI.



## 3:30 PM Networking Break

📍 Grand Ballroom



## 3:50 PM Session Block

### TRACK 1

📍 InterContinental 3rd Floor Grand Ballroom  
**The Investors Shaping The  
Future Of Industries**



**Moderator**  
**Hannah Kuchler**  
SF Correspondent - Financial  
Times



**Aileen Lee**  
Founder & Partner - Cowboy  
Ventures



**Rebecca Lynn**  
Co-Founder & General Partner  
Canvas Ventures



**Anna Patterson**  
Founder & Managing Partner  
Gradient Ventures



**Ann Miura-Ko**  
Co-Founding Partner  
Floodgate

### TRACK 2

📍 InterContinental 5th Floor Ballroom A  
**AI in Life Sciences: The  
Solutions and Challenges**



**Moderator**  
**Malika Cantor**  
Global Lead at Google Launchpad  
Studio - Google



**Daphne Koller**  
Adjunct Prof of Computer  
Science - Stanford



**Othman Laraki**  
CEO - Color



**Dylan Morris**  
General Partner - CRV



**Niven Narain**  
CO-Founder, President & CEO  
BERG

### TRACK 3

📍 InterContinental 5th Floor Ballroom B & C  
**Human + Machines**



**Moderator**  
**Anna Khan**  
Investor - Bessemer Venture  
Partners



**Dalia Asterbadi**  
Founder - Verve.ai



**Crystal Ciancutti**  
VP, Product - Sage Digital



**Laura Gomez**  
CEO & Founder, Atipica



**Ken Lazarus**  
CEO - Scout Exchange

### TRACK 4

📍 InterContinental Union Square



**Moderator**  
**Junaid Mohiuddin**  
SaaS Lead

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issues is AI.



## 5:10 PM Coffee Break

📍 Grand Ballroom



## 5:30 PM Closing Keynote

📍 InterContinental Ballroom



**Danny Lange**  
Unity Technologies  
Vice President, AI & Machine Learning

## PROGRAM AGENDA

# Friday, 20<sup>th</sup> April 2018

8:00 AM - 10:00 PM



5:50 PM

### Opening Night Cocktails

📍 InterContinental Ballroom



6:00 PM - 10:00 PM

### AI Idol Night + AI Awards

📍 InterContinental Ballroom

#### AI Idol

AI Idol ... The Premier AI Startup Competition!! Participate in AI Idol at MIT AI 2018 and pitch to a panel of judges made up of leading investors, angels, entrepreneurs.

AI Idol offers innovative AI startups a unique platform to present their companies and mingle with a high-caliber audience of VCs, angel investors, strategic partners, corporate investors, industry experts, and potential recruits.

#### Here are the details on the AI Awards

At MIT AI 2018, we will honor innovative and passionate individuals who exemplify MIT's mission to serve the nation and the world and are committed to creating meaningful change in today's world.

This year's awards celebrate individuals in four categories:

#### Lifetime Achievement

This award recognizes individuals who've already achieved several lifetimes' worth of breakthroughs, founding or funding new innovations and launching new industries.

#### Better World

Individual who demonstrates a real commitment to building a diverse and inclusive tech community and making a Better World.

#### Rising Star

It's never too early to invent groundbreaking technology, start a company, or bring innovations to market. This award recognizes someone under 35 who is already building solutions to create a new world.

#### Trailblazer

This award recognizes individuals for their inspirational breakthroughs, founding new fields of study.

# PROGRAM AGENDA

## Saturday, 21<sup>st</sup> April 2018

8:00 AM – 7:00 PM

9:00 AM

Welcome

📍 InterContinental Ballroom



9:10 AM

Morning Keynote

📍 InterContinental Ballroom



**Aparna Chennapragada**  
Google – VP of Product, AR & VR

9:30 AM

Coffee Break

📍 InterContinental Ballroom



9:45 AM

Session Block

### TRACK 1

📍 InterContinental 3rd Floor Grand Ballroom

Data-Driven Asset Management



**Moderator**  
**Audrey Chiang**  
Cryptocurrency Trader & Blockchain Analyst – Blockchaing



**Jake Chong**  
Chief Data Scientist – Acorns



**Cristina Dolan**  
Co-Founder & COO – iXledger



**Vivek Krishnappa**  
President – Lending Club Asset Management



**Jack Kim**  
Chief Risk Officer – Data Capital Management

### TRACK 2

📍 InterContinental 5th Floor Ballroom A

Spanning the AI Spectrum



**Moderator**  
**Joanne Chen**  
Partner – Foundation Capital



**Richard Rabbat**  
Co-Founder & CEO – Gfycat



**Jaime Teevan**  
Technical Advisor to CEO Microsoft



**Guy Satat**  
Research Assistant MIT Media Lab



**Rory O'Driscoll**  
Partner & Co-Founder Scale Venture Partners



**Bruce Welty**  
Chairman – Locus Robotics

### TRACK 3

📍 InterContinental 5th Floor Ballroom B & C

AI in Academia



**Moderator**  
**Ruchi Shrivastava Medhekar**  
PhD Director, Strategy Software & Analytics Change Healthcare



**Rima Arnaout**  
Cardiologist – UCSF



**Chelsea Finn**  
PhD Candidate – UC Berkeley



**Renee Gosline**  
Senior Lecturer & Research Scientist – MIT Sloan



**Dawn Song**  
Professor – UC Berkeley

### TRACK 4

📍 InterContinental Union Square

**Moderator**  
**Jesus Bolivar**  
Platform Lead

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11:05 AM

Coffee Break

📍 Grand Ballroom



11:20 AM

Panel Discussion

### TRACK 1

📍 InterContinental 3rd Floor Grand Ballroom

Leveraging AI in Healthcare



**Moderator**  
**Sailu Challapalli**  
VP, Account Management Kyruus



**John Axerio-Cilies**  
CTO – Arterys



**Ash Damle**  
CEO – Lumiatra



**Aashima Gupta**  
Global Head – Healthcare Solution, Google Cloud Platform



**Mary Lou Jepsen**  
CEO & Founder Openwater

### TRACK 2

📍 InterContinental 5th Floor Ballroom A

Applying AI: Platforms to Solutions



**Moderator**  
**Eric Newcomer**  
Newcomer Reporter Bloomberg



**Sourav Dey**  
Managing Director – Manifold



**Rania Khalaf**  
Director of AI Engineering IBM Research AI



**Yinglong Xia**  
Chief Architect on AI Huawei Technologies



**Will Zeng**  
Head of Quantum Cloud Services Rigetti

### TRACK 3

📍 InterContinental 5th Floor Ballroom B & C

Empowered Data



**Moderator**  
**Hoda Eydgahi**  
Data Science Manager Stitch Fix



**Elena Grewal**  
Director, Head of Data Science Airbnb



**Venkat Rangan**  
CTO – Clari



**Matyas Tamas**  
Senior Staff ML Engineer Manifold



**Mimeo Xue**  
Machine Learning Engineer UnifyID

### TRACK 4

📍 InterContinental Union Square

**Moderator**  
**Judy Wade**  
Venture Lead / Partners

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12:40 PM

Lunch Break

📍 Grand Ballroom



## 2:10 PM Session Block

### TRACK 1

InterContinental 3rd Floor Grand Ballroom

#### Age of Intelligent Robots



**Moderator  
Raviraj Jain**  
Partner - Lightspeed Venture Partners



**Moderator  
Ansaf Kareem**  
Partner - Lightspeed Venture Partners



**Moderator  
Lewis Anderson**  
Founder & CEO - Traptic



**Moderator  
Maxwell Reynolds**  
Founder & CEO - Symb.io



**Moderator  
Samir Menon**  
Founder & CEO - Dexterity, Inc.



**Moderator  
Jay Nath**  
Co-Executive Director - City Innovate

### TRACK 2

InterContinental 5th Floor Ballroom A

#### Ensuring Security in a Connected World



**Moderator  
Rami Elkhatib**  
Managing Partner  
Acero Capital



**Moderator  
Bret Hartman**  
VP & CTO, Security Business Group  
Cisco Systems



**Moderator  
Rehan Jalil**  
Cloud Security - Symantec



**Moderator  
Kara Sprague**  
Senior Vice President & General  
Manager of ADC - F5 Networks

### TRACK 3

InterContinental 5th Floor Ballroom B & C

#### What's Next on the AI Horizon: Researchers' Perspectives



**Moderator  
Zeenat Patrawala**  
Partner Development  
Google Brain



**Moderator  
James DiCarlo**  
MIT Department of Brain and Cognitive  
Sciences - Department Head



**Moderator  
Surya Ganguli**  
Assistant Professor  
Stanford University



**Moderator  
Been Kim**  
Research Scientist  
Google Brain



**Moderator  
Ramesh Raskar**  
Associate Professor - MIT Media Lab

### TRACK 4

InterContinental Union Square

#### Moderator Michelle Koh Potts Solutions Lead

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## 3:30 PM Networking Break

Grand Ballroom



## 3:50 PM Session Block

### TRACK 1

InterContinental 3rd Floor Grand Ballroom

#### The Next Practical Frontier



**Moderator  
Hemant Taneja**  
Managing Director  
General Catalyst



**Moderator  
Sanjit Biswas**  
Founder & CEO - Samsara



**Moderator  
Max Cantor**  
Head of Data and Machine  
Learning - Atrium



**Moderator  
Nicky Goulimis**  
Co-Founder & COO - NovaCredit

### TRACK 2

InterContinental 5th Floor Ballroom A

#### Driving Disruption: Innovation in the Auto Industry



**Moderator  
Milo Werner**  
VP Engineering - Off-Grid:  
Electric Automotive



**Moderator  
Sterling Anderson**  
Co-Founder - Aurora



**Moderator  
Jim Adler**  
Managing Director - Toyota AI  
Ventures



**Moderator  
Dr. Mike Beaumier**  
Senior Machine Learning Engineer  
Mercedes-Benz Research &  
Development North America, Inc.



**Moderator  
Atif Rafiq**  
Senior Vice President IT & Chief  
Digital Officer - Volvo

### TRACK 3

InterContinental 5th Floor Ballroom B & C

#### With Great Power Comes Great Responsibility: Investigating AI's Social Impact



**Moderator  
Michelle Huang**  
Investor - SoftBank Group



**Moderator  
Beena Ammanath**  
Global VP for Big data,  
AI & Innovation - HP Enterprise



**Moderator  
Aneka Gupta**  
Co-CEO - LiveRamp



**Moderator  
Danielle Krettek**  
Principal & Founder  
Google Empathy Lab



**Moderator  
Francesca Rossi**  
AI Ethics Global Leader - IBM

### TRACK 4

InterContinental Union Square

#### Moderator Jesus Bolivar Solutions Lead

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5:10 PM

#### Coffee Break

InterContinental Ballroom



5:30 PM

#### Closing Keynote

InterContinental Ballroom



**Dina Katabi**  
Andrew and Erna Viterbi  
Professor MIT

5:50 PM

#### Cocktails

Pacific Terrace 4th Floor



# PROGRAM AGENDA

## Sunday, 22<sup>nd</sup> April 2018

10:00 AM - 3:00 PM

# Kids Day

THE FUTURE OF AI  
MIT Club of Northern California



10:00 AM - 3:00 PM

See

Our Exhibit Hall will be open all day from 10am-3pm. Drop in to check out the exciting activities!

- ScienceVR
- CardinalBotics
- CoderSchoolSF
- Cupertino Robotics
- Google AI
- IBM Watson- TJBOT
- The MISSFITS Robotics
- WhizKidz
- YoungWonks Trash Sorter

Be

Practice your new skills at these booths in the Exhibit Hall.

Program a quick interactive game with Scratch, a project of the MIT Media Lab! Use MIT App Inventor for quick mobile app creation with an expert!



Do 10:30 AM - 11:15 AM ----- 11:30 AM - 12:15 PM ----- 1:00 PM - 1:45 PM ----- 2:00 PM - 2:45 PM

Life in a Drop of Water:  
How AI Microscopes can help save the oceans

Hosted by  
IBM Research



Do 10:30 AM - 11:00 AM ----- 11:15 AM - 11:45 AM ----- 12:30 PM - 1:00 PM ----- 1:15 PM - 1:45 PM ----- 2:00 PM - 2:30 PM

Build a Drone

Hosted by



Do 10:30 AM - 11:30 AM ----- 11:45 AM - 12:45 PM ----- 1:30 PM - 2:30 PM

Build a 'Self-Driving Car' Game

Hosted by



Do 10:30 AM - 11:00 AM ----- 11:15 AM - 11:45 AM ----- 12:30 PM - 1:00 PM ----- 1:15 PM - 1:45 PM ----- 2:00 PM - 2:30 PM

Augmented Reality (AR) & Virtual Reality (VR) Immersion

Required to participate: iPhone (6s, 8, or 10) or Android (new/recent device)

Hosted by



Do 10:30 AM - 11:15 AM ----- 11:30 AM - 12:15 PM ----- 1:00 PM - 1:45 PM ----- 2:00 PM - 2:45 PM

How to blink an LED using Raspberry PI

Hosted by



Do 10:30 AM - 11:30 AM ----- 11:45 AM - 12:45 PM ----- 1:30 PM - 2:30 PM

Using Neural Networks to Recognize Images

Required to participate: Laptop with Python & Keras Library Installed

Hosted by

