conference.program

11.1.16

9am

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Mezzanine Lounge	with Prof. Lou B	Braida
How Accurate is a Drug Test?	Maria Messick	1 *
Depth First Search: Using Computers to Intelligently Solve Mazes	Aritro Biswas	1
Origami Folding Algorithms: Unveiling the Mystery Behind Folded S		1
Prisoner's Dilemma: Beating out your competition	Elizabeth Eastman	1
Counting Cards: How Google Analyzes a Billion People's Data	Hunter Gatewood	1
Twenty Chimneys	with Emily Z	<u>Z</u> hang
Let's Make Things Spin! How Electric Motors Work	Priya Kikani	1
(no title)	Nicholas Matthews	1
Callbacks in Computer Science: Stop Waiting Around!	Sean Soni	1
(no title)	Alexander Smith	7
(no title)	Christopher Desnoyers	7
PDR 1 wit	th Professor Leslie Kolodz	ziejski
PageRank: How Important is Your Website?	Michelle Lauer	9 ,
Optimizing an algorithm (Fibonacci)	Sharon Kipruto	9
Operating Systems	Rachel Lathe	9
How the Internet Works	Ruth Park	9
How do we convey the glass without touching surface?	Taeyoung Yoon	9
Lobdell Balcony	with Remi N	Mirkat
Dealing with a heap of money like a computer scientist	John La	
How to Win at Poker: Counting Strategies	Suri Bandler	
How to get Obama's email	Luana Lopes Lara	
How Hacking a Computer is Just Like Robbing a House	Andrew Montanez	7
•	or Collin Stultz and Phoebo	
The Universe: How we got to Now	Christian Cardozo Aviles	17 *
Copy/Paste, Counterpoint, and Classical Music	•	17
Thanks for the Memory ft. Dynamic Programming	,	17
How does the Internet seem to always keep you online?	Dayanna Espinoza-Silva	17 *
Onion Routing: Maintaining Anonymity on the Internet	Henry Tareque	17
PDR 2	with Professor Dirk En	
How to Bet on Anything	,	28 *
The Physics of the MOSFET	Joshua Sloane	
Introduction to K-Means Clustering	Aasavari Phanse	
RSA Encryption (Or how to pass secret notes in class!)	- 0	28
Trains and Tumors: Understanding the Genes that Cause Cancer	Evan Crane	27



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Coffeehouse Lounge	with Professor Collin	Stultz
Strobe Photography: Capturing the Instantaneous	David Houle	18 *
Organizing Your Music Library	Ziad Baaklini	18
How to Get Through a Corn Maze	Connie Siu	18
How Computers Learn Words Without Being Taught	Zygimantas Straznickas	18
Evolution of Encryption	Ryan Stuntz	18
Lobdell Balcony with	n Phoebe Tse and Remi I	Mirkat
Bitcoin Trading with Bayesian Regression		18 *
Things we know we can't know	Trevor Henderson	8
How to Create Panoramic Images Using Computer Vision		18
WARNING! Race Conditions May Result in Unpredictable Programs		
How Your Favorite iPhone and Web Apps are Built		10
Matter and Space		18
PDR 1 with	n Professor Leslie Kolodz	zieiski
Space-time and Baseball		10 *
(no title)	_	10
Sending Secret Messages Using Simple Ciphers		10
Putting Everything in Order – How Computers Sort Things	_	10
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Letting Computers Diagnose Your Illness: Intro to Rule-Based Syste		10
Mezzanine Louge	with Professor Lou B	Braida
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Special thanks to:

Katherine Touafek (School to Careers Partners) Dave Medvitz (Pingree) Benadette Manning (Fenway) Michele Goe (O'Bryant) Bob Hall (Newman) Jason Tong (MIT)

my.notes

Dear High School Student,

We hope you enjoyed your visit to MIT! We'd like some feedback to improve the experience for future conference attendees like yourselves. Please answer all of the following questions:

About You Please circle the best answer(s):

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I am a high school: {freshman sophomore junior senior} I am: { male female}

I've taken: { AP math AP chem AP physics AP bio programming}

In general, I found the talks { too hard just right too easy} to understand

In general, I understood { all most some a few none} of them.

I am considering a technical career (in science, engineering, math, technology, etc) { yes no}
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About Your Day

For each hour, write the name of the room moderator, and the title/presenter of the best talk of that hour.

Timeslot	Room	Best Presenter in Room during this Timeslot
9:00 am – 10:00 am		
10:00 am – 11:00 am		
11:00 am – 12:00 pm		
12:00 pm – 1:00 pm		
1:00pm – 2:00pm		

What did you learn or like about it? (You can use the back of this sheet!)

Any feedback you want to relay to any of the presentations you heard? (You can use the back of this sheet!)

Turn in this form for a piece of candy!