# conference.program

3.31.16

#### 9am

Title	Presenter Not	tes
PDR 1 + 2 (no title) (no title) PID Controllers: boat steering and moon landing (no title) (no title)	with Emily Zha Jessica Pointing 14 Connor Sell 15 Ethan DiNinno 14 Justin Xiao 14 Kevin Wen 16	*
Twenty Chimneys (no title) (no title) (no title) (no title) (no title) The Hodgkin-Huxley Model and Making Friends	with Professor Muriel Meda Bryce Hwang 2 Ivan-Tadeu Ferreira-Antunes-Fil 2 Benny Zhang 2 Antoine Nasr 2 Anita Liu 2	) * - ) -
Mezzanine Lounge (no title) (no title) (no title) (no title) (no title) (no title)	with Francis Ch Sitara Persad 17 Jared Counts 17 Matthew Guthmiller 17 Max Justicz 14 Kamilla Tekiela 14	* *
Coffeehouse Lounge (no title) (no title) (no title) (no title) (no title) (no title)	with Alex Chumbley & Dr. Jason Mil Eric Fegan 11 Sarah Shader 11 Francesca Cicileo 12 Nicholas McCoy 13 Angel Carvajal 13	*
PDR 4 One Bit Two Bit, Red Bit Qubit: Understanding Quantum (no title) (no title) (no title) (no title) (no title)	with Virginia CI Computers  Matt Basile 12 Antonio Rivera 13 Emily Benz 13 Kevin Kusch 12 Asya Bergal 12	*

#### **10**am

Title

**PDR 1 + 2** with Professor Tim Lu (no title) Everardo Rosales (no title) Rebekah Cha (no title) Or Oppenheimer (no title) Hongyi Shi (no title) Alexander Stewart **Twenty Chimneys** with Professor Muriel Medard (no title) Amanda Liu 7 (no title) Emily Armstrong (no title) Kevin Kwok 7 Kevin Li 7 (no title) (no title) Adrian Mora **Mezzanine Lounge** with Francis Chen (no title) Devin Morgan 7 (no title) Aaron Rose (no title) Thomas Harris 17 (no title) Kathleen Johnson 17 (no title) David Kang 17 with Alex Chumbley **Coffeehouse Lounge** (no title) Sara Sinback (no title) Andrew Titus How Do Airplanes Fly? Alice Zielinski (no title) Sen Chang 11 (no title) Lynda Tang 11 PDR 4 with Professor Sangeeta Bhatia (no title) Camilo Ruiz (no title) John Brown (no title) Timothy Higgins (no title) 1 Eric Lau How to Turn Atoms into an Atomic Clock Catherine Medlock

Presenter Notes

### am

Title	Presenter	Notes
PDR 1 + 2	with Professor	Tim Lu
(no title)	Hairuo Guo	4 *
(no title)	Jasmeet Arora	4
(no title)	Kevin Chan	
(no title)	Heejo Keum	
(no title)	Heeyoon Kim	4
Twenty Chimneys	with Professor Muriel N	/ledard
(no title)	Julia Guo	8 *
(no title)	Amelia Becker	8
Principles of 2D Printing	Tucker Cheyne	8
(no title)	Will Haack	8
(no title)	Hau Lian	8
Mezzanine Lounge	with Nick Uhle	nhuth*
How the Duck does Autocorrect (and other word prediction) Work?	Tilly Taylor	13
Fitting More Music on your iPod Using Fourier Transforms	Stephanie Pavlick	8
(no title)	Gerrod Voigt	16
(no title)	José Velarde	16
Coffeehouse Lounge	with Alex Chu	umbley
(no title)	Emily VanBelleghem	4 *
(no title)	Cristina Mata	4
(no title)	Phillip Ai	12
(no title)	Alex Huang	11
(no title)	Roberto Soto	12
PDR 4	with Emily	Zhang
(no title)	Mahmoud Ghulman	10 *
(no title)	Laponchai Jirachuphun	10
Magnets, How do They Work?	Victor Lopez	16
PID Controllers: boat steering and moon landing	Vahid Fazel-Rezai	15
Bézier Curves: How a Simple Plan Wins	Kenny Friedman	15

**12**pm

Presenter Notes PDR 1 + 2 with Professor Tim Lu (no title) Jason Liang (no title) Blake Elias (no title) Jeremy Ellison (no title) Margaret Guo (no title) Zixi Liu **Twenty Chimneys** with Professor Muriel Medard (no title) Nichole Clarke 9 (no title) Lee Gavrin (no title) Joe Kusters 9 (no title) Kevin Phillips (no title) Allan Sadun Mezzanine Lounge with Professor Luís Velásquez-García (no title) Arturo Campos 15 (no title) Donald Little (no title) Jeremy Bogle 15 Deanna Heer 14 (no title) Matthew Kalinowski 15 > Coffeehouse Lounge with Alex Chumbley Quantum Superposition: When guessing is good enough Dencil Wilmot 5 (no title) Alex Souvannakhot (no title) Tamar Weseley (no title) Colin McDonnell 15 (no title) Gabrielle Rivera PDR 4 with Virginia Chiu (no title) Lily Zhou 13 (no title) Daniel Moon 13 Real Life Mind Control Michaela Ennis 13 (no title) Morgan O'Brien 13 (no title) Devin Neal 11 >

## **1**pm

Title	Presenter Notes
PDR 1 + 2 (no title) (no title) (no title) (no title) (no title) (no title)	with Emily Zhang Liza Gaylord 14 * Akshay Ravikumar 17 Barbara Duckworth 15 Weilian Chu 14 Logan Martin 10 Andre Mroz
Twenty Chimneys (no title) (no title) (no title) (no title) (no title)	with Dr. Jason Miller & Nikhil Victoria Xia 11 * Emmanuel Fasil 12 Andre Walker 10 Zachary Neely 10 Maria Karelina 10

# Special thanks to:

Katherine Touafek (School to Careers Partnership) Alison Langsdorf (Weston) David Case (Madison Park) MIT CAC Emily Zhang (MIT)