IEEE MIT Undergraduate Research Technology Conference 2019

PROGRAM AT A GLANCE (as 10/08/2019)

IEEE Advancing Technology for Humanity

Massachusetts Institute of Technology

Time	October 11, 2019 Friday	October 12, 2019 Saturday				October 13, 2019 Sunday		Time
7:30am		Registration Open (Fiona Cai) and Breakfast (Stata Center)				Registration Open (Fiona Cai) and Breakfast (Stata Center)		7:30am
8:30am - 10:00am	mit ieee urtc 2019	9:30am to 12:00pm Stata Center 32-124 iTryRobotic Workshop #1	**Opening Plenary** (Stata Center 32-123) **Ivy Wang and Jack Cook**, Conference Chairs, MIT - Opening Comments **Dr. Clarice D. Aiello**, QuBiT Lab, UCLA "From nanotech to living sensors: unraveling the spin physics of biosensing at the nanoscale" **Dr. Guru Madhavan,** National Academy of Sciences "Engineering Our Wicked Problems"			9:30am to 12:00pm Stata Center 32-124 iTryRobotic Workshop #2	Exhibition (Stata Center - Student Vest Street) ***Stata Center - Student Vest Street*** **Poster Session #1** • BioEECS and Applied Physics • Circuits, Materials, and Nanotechnologies • Computer Systems, Human-Computer Interaction and Graphics • Security and Communications • Innovative Technologies	8:30am - 10:00am
10:00am		Exhibitions (Stata Center - Student Vest Street)	**Break**				**Break**	10:00am
10:30am			**Technical Paper Oral Presentation**				***Stata Center 32-123*** **Sponsors Presentation (Career Opportunities)**	10:30am
11:00am			***Stata Center 32-123*** Machine Learning / Artificial Intelligence (AI) #1 (James Byleckie)	***Stata Center 32-141*** • Theoretical Computer • Computer Systems • Human-Computer Interaction and Graphics (Francisa Vasconcelos)	***Stata Center 32-155*** • BioEECS and Applied Physics • Circuits, Materials, and Nanotechnologies (Guru Madhavan)			11:00am
11:30am							***Stata Center 32-123*** **Lightning Talks** (Claire Cheng)	11:30am
12:00pm								12:00pm
12:30pm			**Lunch**				**Lunch**	12:30pm
1:30pm			**Technical Paper Oral Presentation**				***Stata Center - Student Vest Street*** **Poster Session #2**	1:30pm
2:00pm			***Stata Center 32-123*** Machine Learning / Artificial Intelligence (AI) #2	***Stata Center 32-141*** Robotics and Controls, Security and Communications (Sreeram Dhurjaty)	***Stata Center 32-155*** Innovative Technologies FIRST LEGO League Teams (Jason Hui)		• Machine Learning / Artificial Intelligence (AI) • Robotics and Controls • Theoretical Computer Science and Mathematics	2:00pm
2:30pm								2:30pm
3:00pm	**MIT Tour** Stata Center 32-123 (Shulammite Lim) *Tour #1: 1:30pm - 3:00pm* *Tour #2: 2:00pm - 3:30pm* *Tour #3: 4:00pm - 5:30pm*						**Closing Plenary** (Stata Center 32-123) **Jack Cook and Ivy Wang,** Conference Chairs Two Gift Cards Raffle for Best Presentation Voters **Announcement of Best Presentation Awards**	3:00pm
3:30pm			**Break**					3:30pm
4:00pm			*Stata Center 32-123 and Student Vest Street (MIT EECSplore)*					
4:30pm			4:00pm **- Dr. Clarice D. Aiello** "How to write a grad school statement/fellowship proposal" 4:30pm - **FLL Blue Box** "How to make Yummy Ice Cream" 4:30pm - 6:00pm - Social Icebreaker and Team Design Competition (TBD) - Booths demo projects by MIT groups and labs, Ice Cream Party (must eat!)					
5:00pm								
5:30pm								
6:00pm	**Registration Open at 32-123** (Fiona Cai)		**Break**					
6:30pm - 8:00pm	**Welcome Reception** (Stata Center 32-123) **Dr. Sreeram Dhurjaty,** DHURJATY Electronics Consulting LLC "Morphing Smartphones Into Rudimentary Medical Devices" **Dr. Clarice D. Aiello**, QuBiT Lab, UCLA "How to use social media for scientific networking "	**Social Event & Dinner** (Stata Center 32-123 and Student Vest Street) **Open Conference** **Announcement of Best Paper Award** **Team Design Competition Presentation**						

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