



AGENDA

Day 1: Wednesday, January 29

Time	Event	Location
11:00 am - 3:00 pm	Winter activities	
3:00 pm - 5:00 pm	Check into rooms	
5:00 pm - 6:00 pm	Welcome reception	Conservatory
6:00 pm - 7:30 pm	Dinner banquet	Grand Ballroom
7:30 pm - 8:30 pm	Keynote: Dr. David Mindell, MIT STS	Grand Ballroom
8:30 pm - 12:00 am	Evening activities	Hotel

Day 2: Thursday, January 30

Time	Event	Location
7:00 am - 8:00 am	Breakfast	Presidential Foyer
8:00 am - 8:15 am	Opening remarks	Presidential Ballroom
8:15 am - 9:15 am	Keynote: Dr. Robert Colwell, DARPA MTO	Presidential Ballroom
9:15 am - 10:30 am	Technical session 1: Electronic & Quantum Devices, Circuits & Systems, MEMs & NEMs, Medical Devices & Biotechnology	Presidential Ballroom
10:30 am - 11:45 am	Poster session 1 + Coffee break	Grand Ballroom
12:00 pm - 1:00 pm	Lunch	The Dining Room
1:00 pm - 2:15 pm	Technical session 2: Photonics & Optoelectronics, Nanotechnology, Materials & Manufacturing, Energy	Presidential Ballroom
2:15pm - 3:30 pm	Poster session 2 + Coffee break	Grand Ballroom
3:45 pm - 4:45 pm	Featured talks (see attached schedule)	Presidential Ballroom (<i>Monroe, Madison, and Adams Rooms</i>)
5:00 pm - 5:30 pm	Closing ceremony	Presidential Ballroom



FEATURED TALK SESSIONS

Thursday January 30
3:45 pm – 4:45 pm

Session A

Circuits & Systems, MEMS & NEMS, Medical Devices & Biotechnology

Location: Monroe Room

- A1. Bhavya Daya, "SCORPIO: 36-Core Chip Prototype Demonstrating Snoopy Coherence on a Scalable Mesh NoC."
- A2. Laura Popa, "Switchable Gallium Nitride MEMS Resonators."
- A3. Aalap Dighe, "Reconfigurable Probes for Chronic Neural Recording."

Session B

Nanotechnology, Materials & Manufacturing, Energy

Location: Madison Room

- B1. Jeong-gil Kim, "UV Replication of Nanostructured Anti-Reflective Surface with Enhanced Mechanical Robustness."
- B2. Cosmi Yuxuan Lin, "Excitonic Properties of Single-layer Molybdenum Disulfide."
- B3. Joel Jean, "Ultra-thin and Lightweight Parylene Substrates for Organic Solar Cells."

Session C

Electronic & Quantum Devices, Photonics & Optoelectronics

Location: Adams Room

- C1. Ehsan Shah-Hosseini, "Erbium Doped Lasers for CMOS Compatible Silicon Photonics."
- C2. Erman Timurdogan, "An Interior Ridge Silicon Microring Modulator."
- C3. Alon Vardy, "InGaAs FinFETs for Future CMOS Technology."



BUS SCHEDULE

Day 1: Wednesday, January 29

Early Bus

Time	Event
7:00 am	Departs MIT.
11:00 am	Arrives at the ski area: skiers and snowboarders exit the bus. Remaining passengers are taken to the hotel (indoor and Nordic center activities).
2:45 pm	Departs the hotel heading towards the ski area.
3:00 pm	Departs the ski area heading towards the condominiums, lodge and hotel. Condo keys are checked out from the bus leader as passengers exit the bus. Lodge keys are checked out from the lodge desk. Hotel keys are checked out from the hotel desk.
4:45 pm	Returns to the condominiums and lodge to collect passengers for the evening reception at the hotel.

Late Bus

Time	Event
11:00 am	Departs MIT.
3:00 pm	Stops at the condominium and lodge areas, followed by the hotel. Condo keys are checked out from the bus leader as passengers exit the bus. Lodge keys are checked out from the lodge desk. Hotel keys are checked out from the hotel desk.
4:45 pm	Returns to the condominiums and lodge to collect passengers for the evening reception.

At the conclusion of day 1: Attendees should use the resort's on-call shuttle system to return to their condominium or lodge area by dialing 0 from any resort phone, 603-278-1000 from cellular phones, or by visiting the hotel front desk.

Day 2: Thursday, January 30

All Buses

Time	Event
7:15 am	Buses arrive at the condo and lodge areas to collect passengers for breakfast. Attendees should be fully checked out of their condo or lodge unit.
5:30 pm	Buses depart the hotel for the return trip to MIT.

Contact Phone Numbers

Hotel desk and on-call shuttle	603-278-1000
Samuel Crooks (cell)	508-965-2736
Debroah Hodges-Pabón (cell)	617-458-9940

OMNI MOUNT WASHINGTON MAPS

