

MURI Meeting 2018	Information Engines Annual Review	Attendees			
			InfoEng	Institution	Email
<b>Thursday, 11 October 2018</b>					
	University of Maryland, College Park Morning Venue: Atlantic 4301	Jim Crutchfield	Lead PI	UC Davis	<a href="mailto:chaos@ucdavis.edu">chaos@ucdavis.edu</a>
		Micheal DeWeese	PI	UC Berkeley	<a href="mailto:deweese@berkeley.edu">deweese@berkeley.edu</a>
9:00 AM	<b>Continental breakfast @ venue</b>	Christopher Jarzynski	PI	Maryland	<a href="mailto:cjarzyns@umd.edu">cjarzyns@umd.edu</a>
9:30 AM	<b>Welcome:</b> Jarzynski (IPST) Crutchfield (UCD)	P. S. Krishnaprasad	PI	Maryland	<a href="mailto:krishna@isr.umd.edu">krishna@isr.umd.edu</a>
9:45 AM	Stanton (ARO)	Michael Roukes (NA)	PI	Caltech	<a href="mailto:roukes@caltech.edu">roukes@caltech.edu</a>
10:00 AM	<b>PI Overviews</b> (25 minutes each = 20 + 5 Q&A)	Samuel Stanton	PM	ARO	<a href="mailto:samuel.c.stanton2.civ@mail.mil">samuel.c.stanton2.civ@mail.mil</a>
10:15 AM	Crutchfield: New Principles				
10:30 AM	DeWeese: Fund'l Principles & Optimal Protocols				
10:45 AM		<b>Postdocs</b>			
11:00 AM	Jarzynski: Shortcuts and Erasure	Olli-Pentti Saira	Physics	Caltech	<a href="mailto:olli-pentti.saira@aalto.fi">olli-pentti.saira@aalto.fi</a>
11:15 AM		Sarah Marzen	Physics	MIT	<a href="mailto:marzen.sarah@gmail.com">marzen.sarah@gmail.com</a>
11:30 AM	Saira (Roukes): Information Engines Experiments				
11:45 AM		<b>Students</b>			
Noon	Krishna: Engines, Controllability, and Collectives	Wade Hodson	Physics	Maryland	<a href="mailto:wdhodson@email.wm.edu">wdhodson@email.wm.edu</a>
Noon:15		Raj Katti	Physics	Caltech	<a href="mailto:rmkatti@gmail.com">rmkatti@gmail.com</a>
Noon:30	<b>Lunch: Physical Sciences Complex (PSC) 2136</b>	Greg Wimsatt	Physics	UCD	<a href="mailto:gwwimsatt@ucdavis.edu">gwwimsatt@ucdavis.edu</a>
	(Also venue for the afternoon session)	Vidya Raju	Engineer	UMD	<a href="mailto:rajuv@umd.edu">rajuv@umd.edu</a>
		Udit Halder	Engineer	UMD	<a href="mailto:udit@umd.edu">udit@umd.edu</a>
		<b>Reviewers/Guests</b>	<b>Institution</b>		
	<b>2018 Advances</b> (20 minutes each: 15 + 5 Q&A)	Adam Svenkeson	ARL		<a href="mailto:adam.j.svenkeson.civ@mail.mil">adam.j.svenkeson.civ@mail.mil</a>
1:30 PM	Marzen: Thermodynamics of Sensing				
1:50 PM	Hodson: Shortcuts to Class'l/Quantum Adiabaticity				
2:10 PM	Wimsatt: Fractional Fluctuation Theorems				
	<b>Nanoscale Information Engines:</b>				
2:30 PM	Saira: Flux qubits & bolometry				
2:50 PM	Katti: Nanoscale yoctocalorimetry				
3:10 PM	<b>Coffee break</b>				
3:30 PM	Raju: Replicator Dynamics and Controllability				
3:50 PM	<b>Controlling Nanoscale Thermodynamics</b>				
	DeWeese, Hodson, Jarzynski, Krishna				
4:30 PM	<b>Looking Forward: Post-MURI</b>				
5:10 PM	<b>Open discussion</b>	All			
5:30 PM	<b>Adjourn</b>				
6:15 PM	<b>Group Dinner</b>				
	<b>Kapnos Taverna, located in The Hotel</b>				
		<a href="https://kapnostaverna.com/college-park/">https://kapnostaverna.com/college-park/</a>			