




Mini-Summit 2017	NEMS Information Engines California Institute of Technology		Attendees	11 Participants	
	<i>Wednesday, 29 March</i>	<i>Thursday, 30 March</i>			Day: Activity Wednesday: Dinner Thursday: Dinner
8:30 AM	Breakfast (own recognizance) Venue: Rm 39, Basement, Bridge Annex	Breakfast (own recognizance) Venue: Rm 39, Basement, Bridge Annex			
9:30 AM	Convene and welcome Introductions all around	Information Engines: New Theory Boyd: Demons & Szilard Engines Mandal: NEMS Information Ratchets		Institution	Email
10:00 AM	NEMS Information Engines Crutchfield	Aghamohammadi: Fluctuation Spectra & Information Creation	Jim Crutchfield	Physics, UCD	chaos@ucdavis.edu
10:30 AM	Coffee break		Michael Roukes	Physics, CalTech	roukes@caltech.edu
10:45 AM	Info Engines Theory: Beyond Landauer	Coffee break	Michael DeWeese	Physics, UCB	deweese@berkeley.edu
11:00 AM	Wimsatt: NEMS Simulator & Results				
			Researchers		
			Warren Fon	Physics, CalTech	fon@caltech.edu
			Matt Matheny	Physics, CalTech	matheny@caltech.edu
Noon	Lunch	Lunch			
			Postdocs		
			Dibyendu Mandal	Physics, UCB	kp2575@columbia.edu
			Olli-Penti Saira	Physics, CalTech	osaira@caltech.edu
		Lab Tour			
2:30 PM	Info Engines Exp'ts: Beyond Landauer Matthey: Experimental possibilities	Information Engines: New Theory ...	Students		
3:00 PM		DeWeese: Optimal Control for ... o Landauer, Beyond Landauer Boyd: Counterdiatic Thermodynamic Control	Alec Boyd	Physics, UCD	alecboy@gmail.com
			Cina Aghamohammadi	Physics, UCD	caghamohammadi@ucdavis.edu
			Raj Kati	Physics, CalTech	rmkatti@gmail.com
			Greg Wimsatt	Physics, UCD	gwwimsatt@ucdavis.edu
3:30 PM	Coffee break	Coffee break			
3:45 PM	Katti: Thermally bistable NEMS devices	Information Engines: New Experiments Azadeh Anssari: NEMS Lattice on a Chip			
4:00 PM	Saira: Progress on calorimetry (low T)	Brainstorm Nonlinear-Thermo-Dynamics			
4:45 PM	Beyond Landauer: Plans, Milestones Discussion	Plan tasks looking forward Near-term easy & longer-term ambitious Experiment, Theory			
		Draft Plan	Future funding for experiments?		
			Plan InfoEngines@Telluride		
6:30 PM	Dinner	Dinner			