

**COFFIES 2nd Annual Meeting**  
**Wednesday - Friday, January 24-26, 2024**  
**Conference Room, PAB 102/103, Stanford University**

**Wednesday**

8:30	Welcome!	Todd Hoeksema			
8:45	Milestones 1	Dave Lauben			
9:15	Tachocline 1	Nic Brummell: Introduction Loren Matilsky: Science Progress 1 Lydia Korre: Science Progress 2 Discussion of Next Steps and Milestones for Tachocline Dynamics			
10:45	Break	Exit the Room!			
11:00	Beans Posters	Physics Lobby Area	Mel Abler	Nat Matthews	Oana Vesa
12:30	Lunch		Spyros Kasapis	Rituparna Curt	
14:00	FT&E 1	Sushant Mahajan: AR Inflows Yang Liu: Helicity Xudong Sun: Poynting Flux Estimates Soumyaranjan Dash: Flux Transport with Kalman Filtering			
15:30	Break				
16:00	NSSL 1	Jose Fuentes (presented by Brad Hindman): Assessing the Observability of Deep Meridional Flow Cells Irina Kitiashvili: Effects of Rotation on Subsurface Convection and Supergranules Junwei Zhao: Subsurface Rotation and Meridional Flow During Early Cycle 25 Sushanta Tripathy: Subsurface Flows from HMI Spherical Harmonic Time Series Discussion			
17:30	Adjourn				
19:00	Conf. Dinner	Buca di Beppo	643 Emerson, Palo Alto		

**Thursday**

8:30	NASA Update	Katya Werner	<a href="#">DSC Topics</a>		
9:00	Surface Links	Catherine Blume: Inertial Waves Roger Ulrich: Gradient in the Surface Rotation Rate Sushant Mahajan: Differential Rotation Results Discussion			
10:15	Break				
10:45	Dynamo	Alexander Kosovichev: Recent Advances and Milestones Luiza Alkmim: Magnetic Bubbles: Magnetic Buoyancy Instability at High Wave Numbers Krishnendu Mandal: Helioseismic Properties of Dynamo Waves with Variation in Differential Rotation JT Stefan: Helioseismic detection of Deep and Near-Surface Convection and Magnetic Fields Mausumi Dikpati: Prospects for Merging 2 Parallel Tracks: MF and Full 3D Convective Dynamo Simulations Discussion			
12:15	Lunch				
13:15	Model Integration	Alan Wray: Team Report Contributions: Irina Kitiashvili, Slava Sadykov, Spyros Kasapis, Alan Wray Discussion			
14:45	Break				
15:00	Helioseismology	Ruizhu Chen: Comparing GONG and HMI Time-Distance Maps Sylvain Korzennik: Status of the Global Rotation Project Tim Larson: Problems and Solutions in the JSOC Global HS Analysis Cristina Rabello-Soares: A Study of the Substructure Flow of the NSSL Discussion			
16:30	Team Building	CET			
17:30	Adjourn				

**Friday**

8:30	Tachocline 2	Mausumi Dikpati: Science Progress 3 Nick Featherstone: Science Progress 4 All: Next Steps and Milestones for Convection and Tachocline Instabilities Summary Discussion
9:30	NSSL 2	Discussion Session: What's Next? Nick Featherstone: Solar-Like Lab Experiments Nick Featherstone: From Non-Dimensional to Dimensional Quantities Rudi Komm: HS - What's Next?
10:30	Break	
11:00	Education/POISE/REU	
12:00	Lunch	
13:00	DEIA	
14:00	FT&E 2	Lisa Upton: Meridional Circulation Results Aimee Norton: Joy's Law / Delta Spots Bill Abbett: FT&E Milestones
15:00	Break	
15:30	Milestones 2	Dave Lauben
16:30	Wrap-up	Todd Hoeksema
17:00	Adjourn	