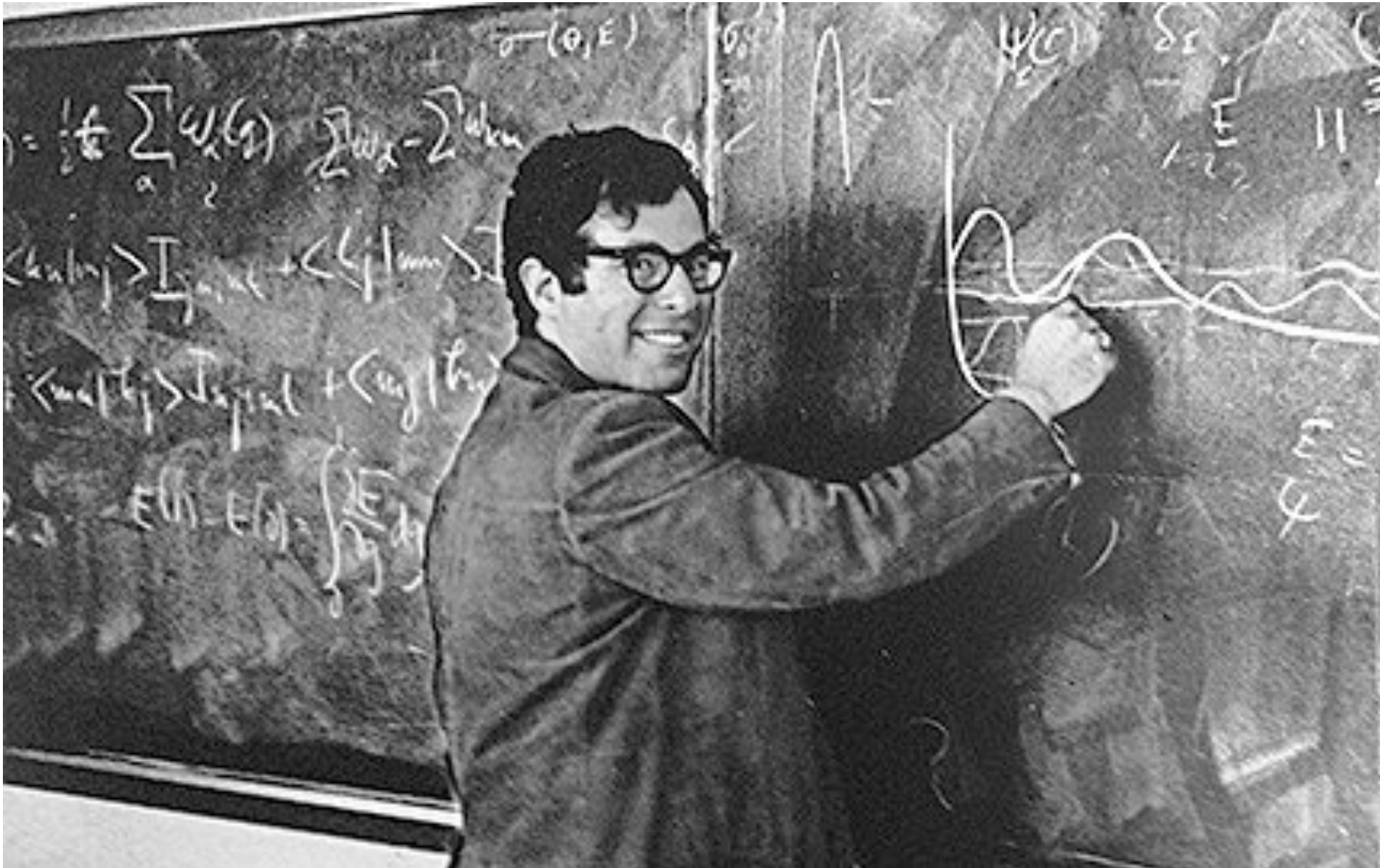


Quantum Dynamics and Spectroscopy

Symposium dedicated to Prof. Howard Taylor for his extraordinary contributions to the theoretical chemical physics.



Saturday, March 12, 2016 at Paradise Point Resort and Spa, 1404 Vacation Road, San Diego, CA 92109.

7:45-8:15		Registration and coffee			
8:15-8:30		Welcome Remarks Chi Mak, University of Southern California			
Session Chair: Bill Reinhardt, University of Washington					
8:30-9:00		Bill Miller <i>University of California Berkeley</i> "A Simple but Effective Approach for Incorporating Non-Adiabatic Dynamics into Classical Molecular Simulation"			
9:00-9:30		Bill McCurdy <i>University of California Davis</i> "Dissociative Electron Attachment: Electron-Driven Chemistry and Nonadiabatic Transitions between Metastable States"			
9:30-10:00		Craig Martens <i>University of California, Irvine</i> "Quantum Social Networks"			
10:00-10:30		Coffee Break			
Session Chair: Frank Harris, University of Florida					
10:30-11:00		Turgay Uzer <i>Georgia Institute of Technology</i> "Celestial Mechanics on the Atomic Scales"			
11:00-11:30		Joel Bowman <i>Emory University</i> "Revisiting Adiabatic Switching for Initial Conditions in Quasi-Classical Trajectory Calculations: Application to CH ₄ "			
11:30-12:00		Daniel Neuhauser <i>University of California, Los Angeles</i> "DFT with Stochastic Long-Range Exact Exchange for Systems with Thousands of Electrons: Accurate Electronic Levels"			
Session Chair: Hanna Reisler, University of Southern California					
1:15-1:45		Robert Field <i>Massachusetts Institute of Technology</i> "Acetylene!"			
1:45-2:15		Eric Heller <i>Harvard University</i> "Raman Scattering for the Masses: (of Carbon atoms)"			
2:15-2:45		Curt Wittig <i>University of Southern Californias</i> "Between the Sheets"			
2:45-3:15		Coffee Break			
Session Chair: Barry Schneider, National Institute of Standards and Technology					
3:15-3:45		Jorg Main <i>University of Stuttgart</i> "Harmonic inversion analysis of exceptional points"			
3:45-4:15		Kenneth Jordan <i>University of Pittsburgh</i> "Application of the Stabilization Method to the Temporary Anion States of Polyatomic Molecules"			
4:15-4:45		Vladimir Mandelshtam <i>University of California, Irvine</i> "Adventures with Howard in 90's"			
4:45-5:00				Closing Remarks Anna Krylov, University of Southern California	
5:30-6:30				Reception (Bay View Deck)	
7:00				Banquet (Bayview Room and Deck)	
			Bill Reinhardt <i>University of Washington</i> "Thinking about Howard: Some Personal Thoughts, and his implicit message for Young Scientists"		
			Barry Schneider <i>National Institute of Standards and Technology</i> "Remembering Howard: Mentor, Colleague and Beloved Friend"		