



This year's topic: **“Milanković (Orbital Forcing) Mysteries”**

Specific topics will include: classic Milanković orbital theory of the ice ages; phasing of climate responses to orbital forcing; origin of the 20, 40, and 100-kyr ‘worlds’ of the Plio-Pleistocene; orbital forcing of monsoons and ENSO.

Students will be required to make brief presentations on assigned readings from both the historic and current research literature, and to lead discussions of those papers. There will be one or two discussion leaders per week, but everyone is responsible for reading the papers and participating in the discussion. Grades will be based on the quality of presentations (40%) and on overall participation (60%).

Instructors: Tom Marchitto and Scott Lehman
Time and place: TBD (once per week for 2 hrs)
2 credits