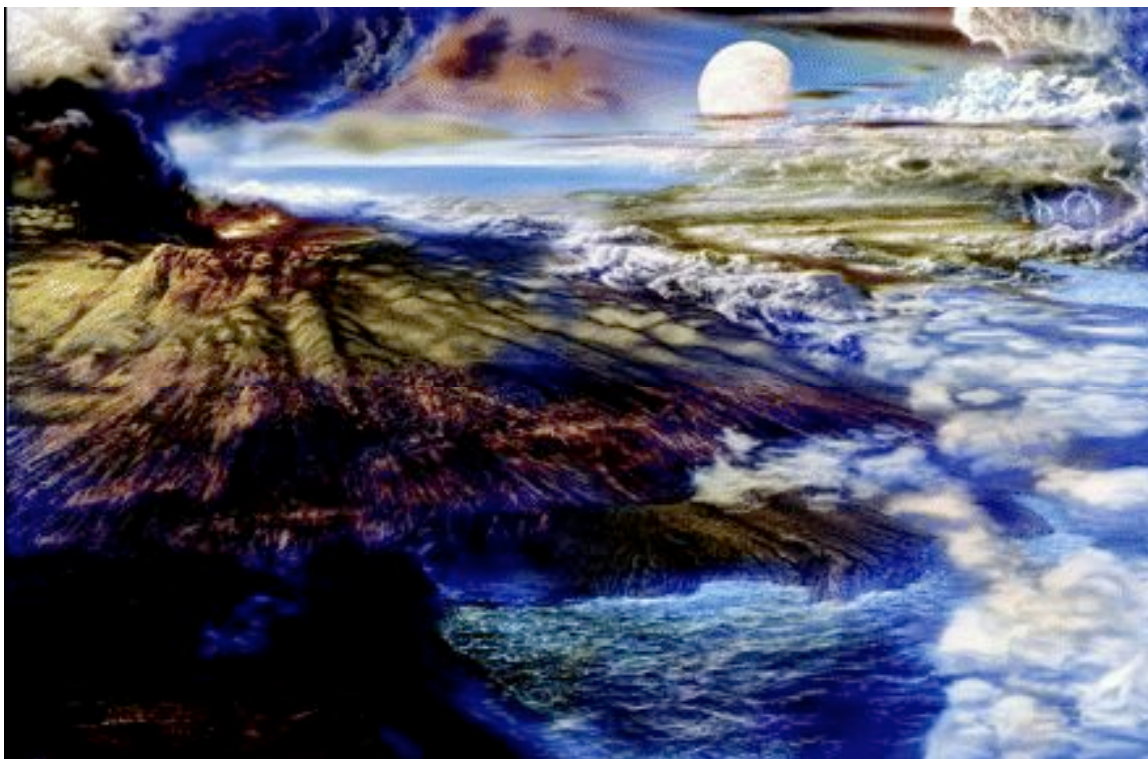


NEW GEOLOGY COURSE!

GLGY 599.18 ~ Early Earth Evolution Winter 2010

Earth underwent many critical events during its ~4.5 billion year history. This course will focus on many events that happened in the early stages (mostly Precambrian) of Earth's history including core formation and differentiation into bulk silicate earth, formation of continental crust, evolution of mantle, evolution of sub-continental mantle lithosphere, evolution of the atmosphere and hydrosphere, earliest geochemical signals of life etc. Current geochemical and geodynamic models that attest to these events in the geological record will be explored. This course will integrate and build upon knowledge of many geochemical and petrologic concepts gained in GLGY323 and GLGY443.

Prerequisite: GLGY 443 (You must have completed GLGY443 before your register for this course. Taking GLGY443 along with this course does not meet this requirement.)



Lecture: Tuesdays & Thursdays 14:00-15:15

Lab: Fridays 8:00-10:50 OR 11:00-13:50

Instructor: Dr. Rajeev Nair

NOTE:

GLGY 599.18 is a half course worth 0.5 FCE; it counts as a Geology option toward any Geoscience degree. To register contact Dr. Michelle Spila (mspila@ucalgary.ca). Further questions about the course may be addressed to Dr. Rajeev Nair (rnair@ucalgary.ca).