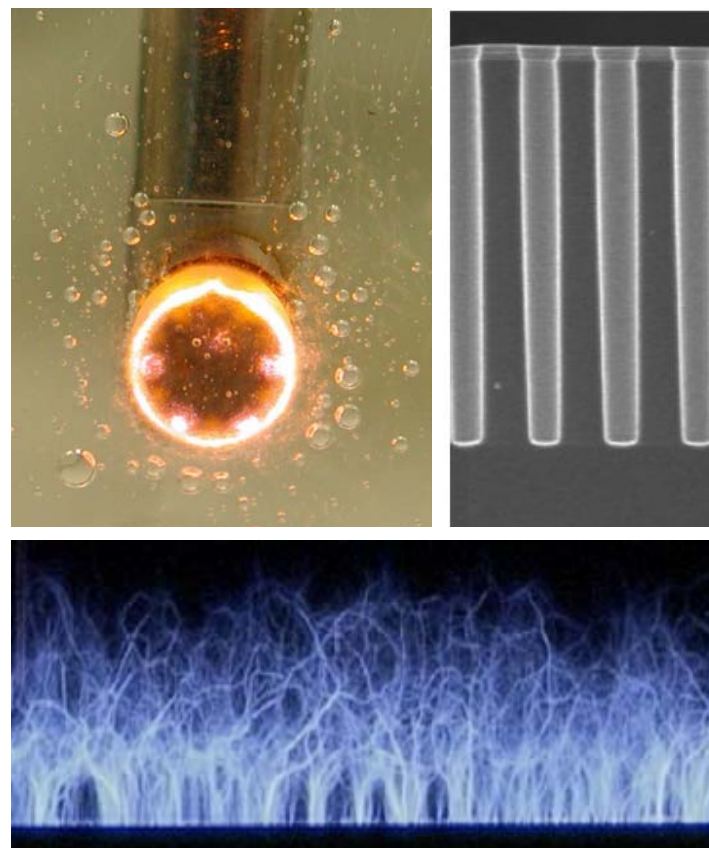


Winter 2013: EECS 598-010 / NERS 590-004 PLASMA CHEMISTRY and PLASMA SURFACE INTERACTIONS

Instructor: Prof. Mark J. Kushner (mjkush@umich.edu)

Low temperature plasmas are used for materials and microelectronics processing, plasma aided combustion, lighting, lasers and medicine. This course will address the plasma initiated chemistry and plasma surface interactions of these systems.

Electron impact, ion-molecule and excited state reactions, radiation transport; and the reaction of these species with inorganic, organic and liquid surfaces will be discussed.



Monday / Wednesday, 9:00–10:30 am, 1003 EECS