Ravi Damodar Vakil* (rvakil@stanford.edu), Dept. of Mathematics, Stanford University, Stanford, CA 94305. Learning through Problem-Solving.

There is, I think, a rough consensus among us that one learns best by doing, so that in many situations, the best way to help people learn something is by setting up the right environment in which learners can play with ideas and investigate, and be inevitably be led to think of things in deeper and better ways. In this talk, I intend to share some things that I think have worked in varied situations, in the hopes of hearing many other ideas from other people. (Received March 01, 2020)