Preparing for the Long and Accelerating Arc of a Career: A Lifetime of Learning

Abstract:
A multitude of changes and challenges require that we adapt our individual activities over the course of a career in science. New discoveries, new methods, new instruments, new devices, advances in our own and related fields all demand our attention. The rate of change is rapid with significant shifts in both paradigms and context. But there are also changes to how we communicate, how we analyze data, how we publish, even how we prepare talks. All these changes require that a scientist, and particularly a group leader, keep up with current knowledge and learn to anticipate and prepare for inevitable changes and challenges. We will take a personal walk through my career to gather a sense of the scope and impact of this inevitable evolution of our scientific world.