Looking to the Future in Augmented Reality Research

Although Augmented Reality (AR) technology was first developed in the 1960's it is only recently that the first commercial AR applications have begun to appear. There are still many research challenges that need to be addressed before AR technology will become commonplace. This talk gives a brief review of the history of AR development and then discusses several important topics that need to be explored further. Examples will be drawn from some of the leading AR groups worldwide and also research undertaken at the HIT Lab NZ. Finally predictions will be made about how technology trends may impact AR applications in the future.