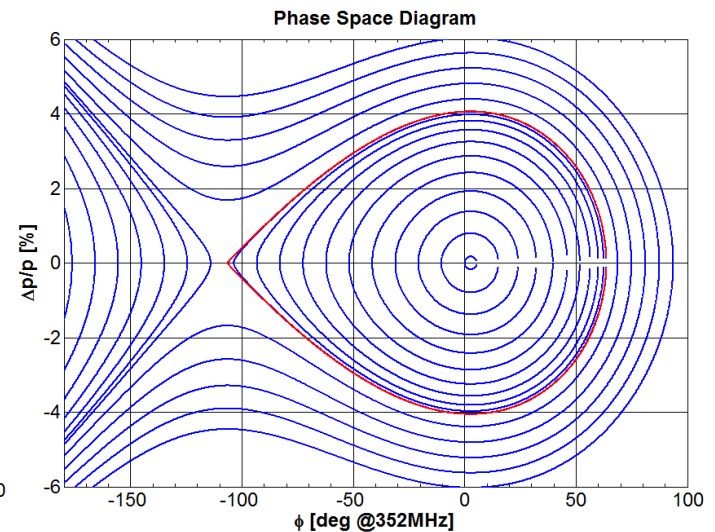
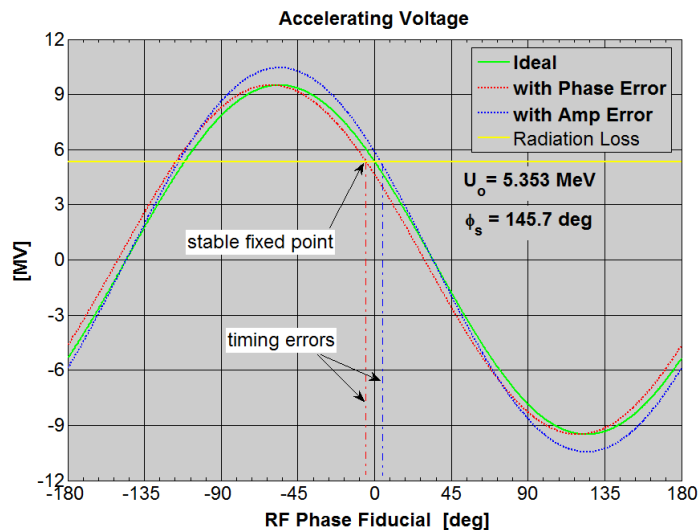


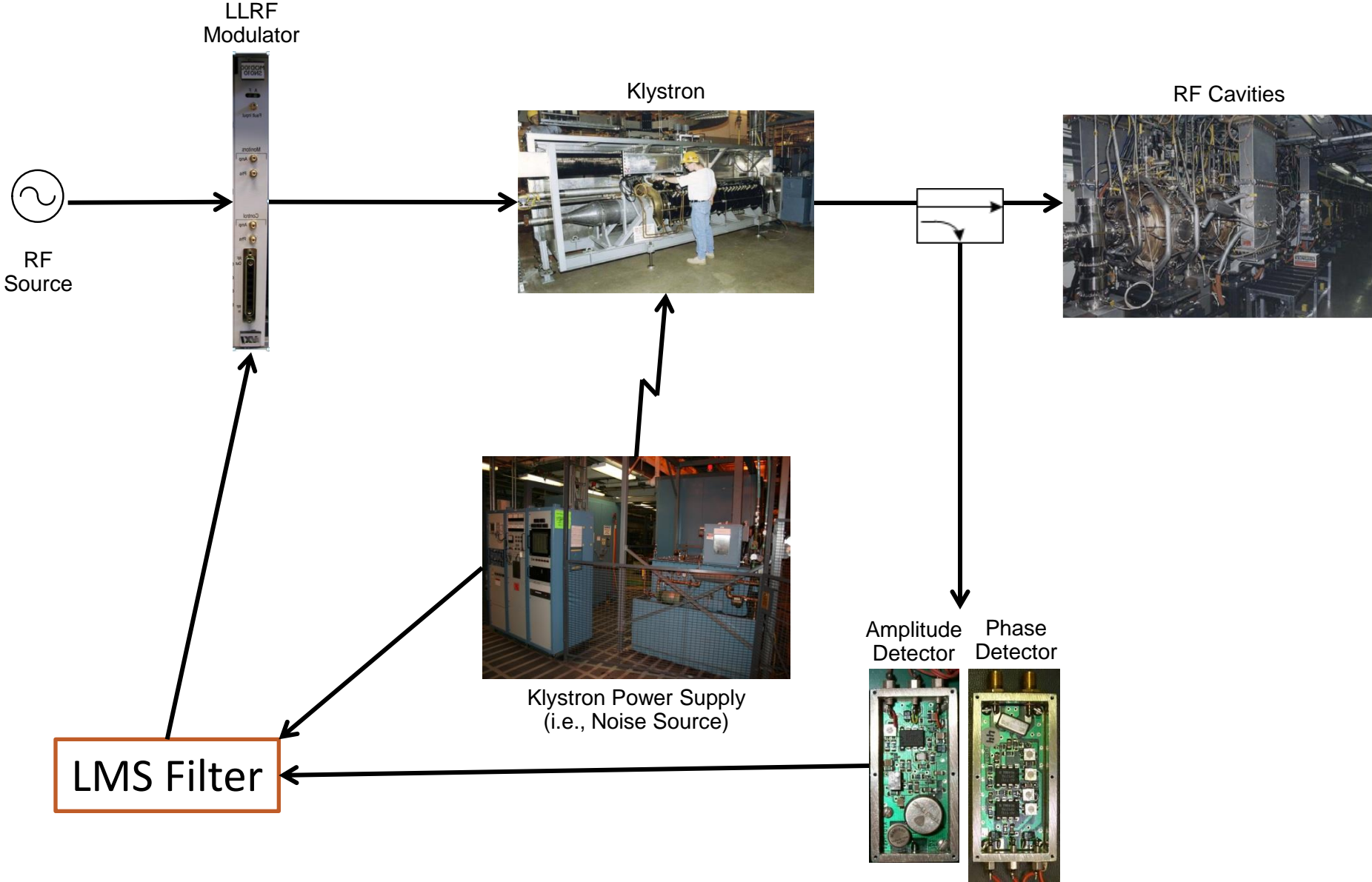
RF Noise Suppression for the APS Storage Ring

Increasing longitudinal beam stability through a more stable RF system

Kevin Cook
Tim Berenc



LMS-Based Noise Cancellation Scheme



Widrow et. al, "Adaptive Noise Cancelling: Principles & Applications" IEEE Vol. 63, No. 12, Dec. 1975

RF Test Stand Trial

