

1077-93-1992 **Philip Owrutsky***, MD 340, 33 Oxford St, Cambridge, MA 02138, and **Navin Khaneja**, MD
340, 33 Oxford St, Cambridge, MA 02138. *Controllability with Periodic Pulsing*.

The talk motivates and develops the concept of controlling quantum systems with pulses applied at periodic intervals. When the strength of applied pulses is limited, showing control over a broad range of frequencies is challenging. The talk develops methods to address this problem. (Received September 21, 2011)