

# X-Band RF Structure and Beam Dynamics Workshop - 44th ICFA Advanced Beam Dynamics Workshop

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## X-band Klystron Development at SLAC

*Wednesday 3 December 2008 11:20 (40 minutes)*

The development of X-band klystrons at SLAC originated with the idea of building an X-band Linear Collider in the late 1980's. Since then much effort has been expended in developing a reliable X-band Power source capable of delivering >50 MW RF power in pulse widths >1.5  $\mu$ s. I will report on some of the technical issues and design strategies which have led to the current SLAC klystron designs.

**Presenter:** Dr VLIEKS, Arnold

**Session Classification:** Plenary Session (Chair T. Garvey)