

PAUL SCHERRER INSTITUT



# Particle Theory Seminar

**B. Beutner**

*PSI*

“Introduction to Free Electron Lasers”

**Thursday, June 25, 2009, 11:30 am**

**WBGB/021**

**Abstract:**

Free electron lasers (FELs) are an active field of research and development in various accelerator labs, including the PSI.

In this talk we introduce and discuss the basics of FEL physics. The requirements and basic layouts of such electron linac facilities are presented to complete the picture.