



1st Joint XFEL/ILC Meeting

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Introduction



- ILC is fundamentally linked to XFEL
 - **Based on identical technology (TESLA)**
 - **R&D programmes are inter-connected**
- We often talk of ‘synergy’, but what does this really mean?
 - **Putting words into actions**
 - **Understanding how XFEL can help ILC can help XFEL**
- Stronger interaction between XFEL and ILC groups at DESY
 - **and ultimately to the Global ILC effort**





Meetings



- Approximately every **four** weeks
- Well defined focus areas:
 - **Tunnel layout (today)**
 - **RF power source and LLRF (19.1.2007)**
 - **Cryomodule design elements**
 - Including module test stand programme
 - **High-gradient cavity programme**
 - Including auxiliaries
 - **Operations and Availability**
 - **FLASH experimental programme**
 - ...





Today's Meeting



- XFEL and ILC tunnel solutions
- Understand how XFEL is solving the problems of a single-tunnel solution
- The ILC service-tunnel (two-tunnel) approach
 - **Including some overview of other civil engineering design elements.**

