

# XFEL status (as of 16.12.2015)

- **Nearly all cavities now delivered and tested**
    - ▶ 'few' RI cavities still to come
    - ▶ Some cavity tests remaining, but formally complete
  - Last delivered module: XM76
    - ▶ total 76: XM-2 to XM76 excluding XM50.
  - 60 modules permanently installed in tunnel
  - **FIRST BEAM** in injector  **MILESTONE**
    - ▶ ~130 MeV to injector dump.
    - ▶ Includes 3.9 GHz system and injector cryomodule (XM29: VT/MT/Tunnel  $\langle G \rangle = 32/27/24$  MV/m )
-

# R&D discussions at DESY

- Request for VT data at 1.8K from Evans/Yamamoto
  - Use of ILC HiGrade cavities
    - ▶ 16 in principle available.
  - Under consideration:
    - ▶ Formal AMTF testing more or less complete
    - ▶ Will need time to understand resources available for further testing etc.
      - also how to pay for it.
    - ▶ Will take some time to put proposal(s) together.
-

# ECFA-LC 2016

- First Org. meeting Friday 15.01.2016
  - Currently all week foreseen (Mon-Fri, plus weekend if necessary)
  - Does this include CLIC accelerator?
    - ▶ Current place-holder schedule has CLIC and ILC parallel sessions identified.
    - ▶ In the past 'spring' meeting was only ILC (machine)
  - POC Accelerator: Me, Jie Gao, Phil Burrows, Steinar Stapnes
  - Plenary sessions (very draft)
    - ▶ Monday 09:00-10:30
    - ▶ Thursday PM (two sessions)
    - ▶ All day Friday (four sessions)
-

# ECFA-LC 2016 ILC considerations (first thoughts)

- Japan status - plenary (political and technical)
- Standard WG
  - ▶ Sources
  - ▶ DR ?
  - ▶ Main Linac / RTML
  - ▶ BDS / MDI
  - ▶ SRF technology (cryo CR considerations)
  - ▶ CFS
- Special themes (CM driven)
  - ▶ Central region WG
  - ▶ ML tunnel CR
  - ▶ Lattice 2015b release (or perhaps 2016a)
  - ▶ Positron source CR
- Others?
  - ▶ Future technical planning / strategy
  - ▶ ILC specific SRF R&D
  - ▶ ...

How much parallel time do we require?

How many sessions in parallel?

(Note KEK meeting was almost entirely “plenary” — good idea if you can do it)