

### Lecturers of the 2016 LC Accelerator School (v5)

| Topic                         | Lecture | Lecturer                         |
|-------------------------------|---------|----------------------------------|
| ILC                           | I1      | Kaoru Yokoya (KEK)               |
| CLIC                          | I2      | Hermann Schmickler (CERN)        |
| Detectors                     | I3      | Keisuke Fujii (KEK)              |
| Linac basics                  | ABC1    | Daniel Schulte (CERN)            |
| Instrumentation basics        | ABC2    | Hermann Schmickler (CERN)        |
| Linac                         | A1      | Daniel Schulte (CERN)            |
| Sources                       | A2      | Masao Kuriki (Hiroshima U.)      |
| Damping rings                 | A3      | Yannis Papaphillipou (CERN)      |
| Beam delivery & beam-beam     | A4      | Toshiyuki Okugi (KEK)            |
| Room temperature RF           | B1      | Walter Wuensch (CERN)            |
| Superconducting RF            | B2      | Takayuki Saeiki (KEK)            |
| LLRF                          | B3      | Feng Qiu (KEK)                   |
| High efficiency RF power      | B4/C9   | Shigeki Fukuda (KEK)             |
| Instrumentation               | C1      | Hermann Schmickler (CERN)        |
| nm stabilization below 100 Hz | C2      | Christophe Collette (U Brussels) |
| fs timing                     | C3      | Alessandro Gallo (INFN)          |
| Alignment                     | C4      | Helene Mainaud-Durand (CERN)     |
| MDI                           | C5      | Toshiaki Tauchi (KEK)            |
| (Team presentation)           | C6      | (none)                           |
| Feedback                      | C7      | Phil Burrows (Oxford U)          |
| Special magnets               | C8      | Michele Modena (CERN)            |
| High efficiency RF power      | C9/B4   | Shigeki Fukuda (KEK)             |
| Final exam coordinator        |         | Kaoru Yokoya (KEK)               |

Total teaching and training 77 hours:

- Classroom lectures – 45 hours
  - ◆ Common lectures – 12 hours (I1-I3 and ABC1-ABC2)
  - ◆ Elective lectures – 33 hours (A1-A4 or B1-B4 or C1-C9)
- Site visit to KEK – 3.5 hours
- Tutorial/homework – 24 hours
- Final exam – 4.5 hours