

## 2nd International Conference on Particle Physics in Memoriam Engin Arık and Her Colleagues

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### Status of CLIC

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New accelerator technology is required if we are to reach centre of mass energies much beyond 1 TeV in electron-positron collisions, in order to explore the new physics that is expected to be discovered at the LHC. CLIC, the Compact linear Collider, uses a novel two beam acceleration scheme, where energy is transferred from a high-current low energy electron drive beam at high gradient (100 MV/m) to the main beam. These ideas are being developed at CERN by an international collaboration of more than 40 laboratories and universities in more than 20 countries, and being tested at CLIC Test Facility CTF3. The motivation for CLIC and the status of the R&D will be presented.

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