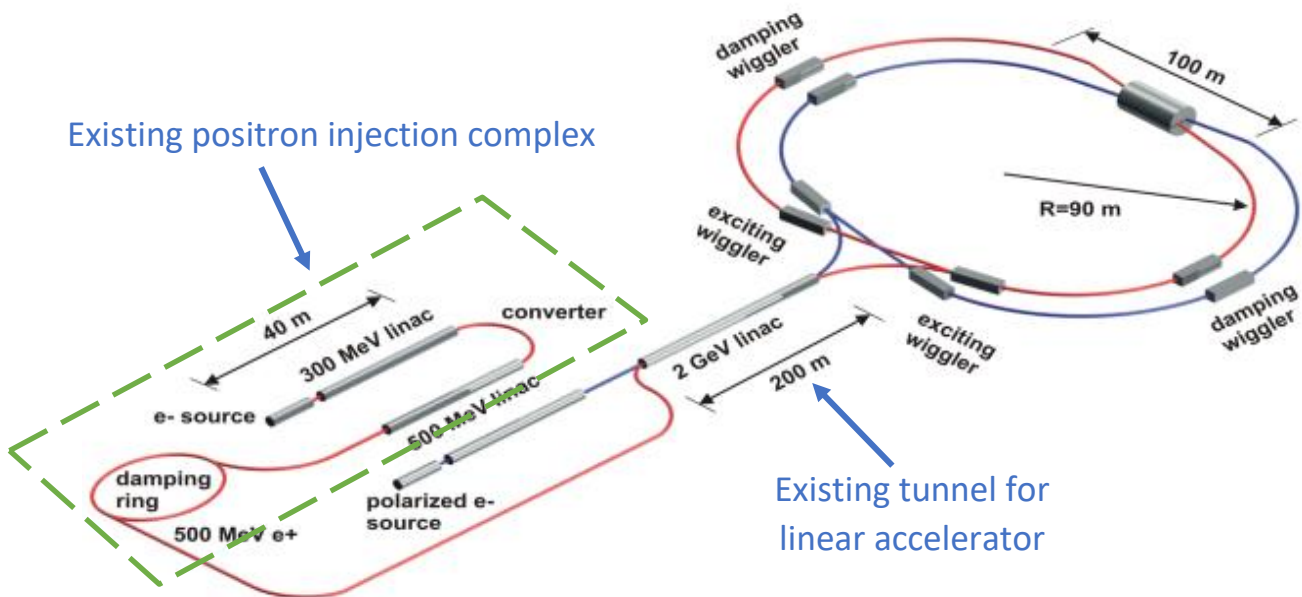




Workshop on the BINP Super $c\text{-}\tau$ factory project

A project of the Super $c\text{-}\tau$ factory (SCTF) is developed at the Budker Institute of Nuclear Physics (BINP). SCTF is a symmetric electron-positron collider with peak luminosity of $10^{35} \text{ cm}^{-2}\text{s}^{-1}$ operating in the energy range from 2 to 5 GeV. Longitudinal polarization of electrons is foreseen at the beam interaction point.



In a view of the resent progress in the SCTF project, a two-day workshop at BINP will be held on May 26th-27th, 2018, immediately after the 9th International Workshop CHARM18.

The main purpose of the workshop is to facilitate cooperation between particle physics and particle detector experts who are interested in working on the detector project for the SCTF. It is a step towards a future experimental collaboration.

The workshop is organized in the following way. First day is devoted to the overview talks about the physics program, collider and infrastructures. The detailed discussion of the detector subsystems' options is planned on the second day. The basic topics for the second day are:

- Tracking system
- Particle identification
- Calorimetry
- Magnet and muon system

- Trigger and readout
- Ways to organize collaboration

Several talks on each topic and a round-table style discussion is planned.

Registration for the workshop is already open at charm18.inp.nsk.su. Each interested person is welcome to join the workshop. A formal invitation letter for the Russian visa application to be sent upon request. Note that an application for Russian visa should be done in advance. A limited funding to cover travel expenses is available. Requests will be considered by the Organizing Committee.

Useful links for the Super c - τ factory project:

- <http://ctd.inp.nsk.su> – the main page of the project
- [1st workshop on physics at SCTF](#)

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