

WG4: Sources Schedule

Session 1:

Time: Thurs(10:30-12:30)

Location: Kavli 2nd floor, B51

Topic: Injectors for Microwave-based Linear Colliders

What parameters must the injector for a 1 TeV collider provide?

John Sheppard, ILC baseline e+/e- source

Steffen Doebert, CLIC injector parameter

Cathodes

Feng Zhou, Cathode charge limit on e- source

Bob Kirby, Robust photocathode

Session 2: Joint with WG2

Time: Thurs(2:00-3:30)

Location: Kavli 3rd floor, B51

Topic: Injectors for Dielectric Structure-based Linear Colliders

Eric Colby, CW Injector/IFEL buncher for a HEP DLA

Peter Hommelhof & Catherine Kealhotef, Electron emission from sharp tungsten tips triggered by femtosecond laser pulses

Jonathan Jarvis, field-emission array cathodes

Gil Travish, The Micro Accelerator Platform: A Potential Injector for a DLA Based Collider

Session 3: Joint with WG3

Time: Fri(9:00-10:30)

Location: Yellow Room, B41

Topic: Injectors for Plasma-based Linear Colliders

Wim Leemans, laser-plasma based electron source

Mark Hogan, injector for beam-driven plasma

Session 4:

Time: Fri(11:00-12:30)

Location: Fuji, B214

Topic: Injectors for Microwave cont'd and Examine beam manipulation Guns

Martin Paraliiev, Development of Pulsed High Gradient Photoelectron Gun at PSI

Jorg Kewish, BNL polarized SRF gun

What is the potential for beam manipulation to eliminate DR?--

John Power, intro to flat beam + beam manipulation

Ray Fliller, Emittance Exchange at A0

Andrea Latina, Emittance preservation in future linear colliders

Session 5:

Time: Fri(2:00-3:30)

Location: Fuji, B214

Topic: Summary prep