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Type: **invited talk**

From conventional to advanced concepts for LCs

Friday, 18 September 2015 12:00 (30 minutes)

Advanced accelerator concepts could potentially make a linear collider more compact and hence cheaper than a conventional one. In particular, laser or beam driven plasma acceleration are of interest. The presentation will discuss the parameter choices for conventional multi-TeV linear colliders and the physics and technology driving these choices. It will highlight the implications for the design of a plasma acceleration-based linear collider and raise issues that need to be addressed to arrive at a viable design.

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