

# STATEMENT OF COMMON INTENT

by the CLIC Collaboration Board and the ILC Steering Committee

**Recognising** the need for an electron-positron linear collider to explore the physics that will be revealed by the LHC,

**Considering** the synergies that exist and the opportunities for collaboration that arise between the ILC Global Design Effort and the CLIC collaboration, as well as between the ILC and CLIC physics and detector studies, and

**Building upon** the [CLIC/ILC joint statements](#),<sup>1</sup>

The two parties **agree** to promote and develop scientific and technical preparations for a linear collider, and to exploit wherever possible synergies between ILC and CLIC, including accelerator, detector and physics topics, so the designs are prepared efficiently in the best interest of high-energy physics.

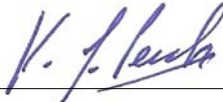
The ILC Steering Committee and the CLIC Collaboration Board will foster this cooperation by agreeing, reviewing and updating a list of topics of common interest. This includes, but is not limited to, the topics listed in the Addendum to this agreement, which already form the subjects of joint ILC-CLIC Working Groups.

Signed 

Date January 11<sup>th</sup> 2010

(Jonathan Bagger)

on behalf of the ILC Steering Committee

Signed 

Date January 11<sup>th</sup> 2010

(Ken Peach)

on behalf of the CLIC Collaboration Board

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<sup>1</sup> <http://www.linearcollider.org/cms/?pid=1000592>

## ADDENDUM

The following is a partial list of topics that could be the subject of cooperation between the ILC and CLIC, building upon the ongoing collaborative work.

Accelerator General Issues

Civil Engineering & Conventional Facilities

Cost & Schedule

Beam Delivery System & Machine Detector Interface

Detector General Issues

Positron Generation

Damping Rings

Beam Dynamics

Physics & Detectors