

ADDENDUM

to

**THE MEMORANDUM OF UNDERSTANDING
FOR A MULTI-LATERAL COLLABORATION**

between

**THE INSTITUTIONS AND FUNDING
AGENCIES OF THE CTF3 COLLABORATION**

concerning

**THE CONTRIBUTION OF
THE RACAH INSTITUTE OF PHYSICS
AT THE HEBREW UNIVERSITY
TO THE CTF3 COLLABORATION**

11/11/2012

CONSIDERING:

The Memorandum of Understanding ("the MoU") defining the framework applicable to the construction of a 3rd generation Compact Linear Collider Test Facility (CTF3) and the performance of Experiments to demonstrate the feasibility of key issues of the CLIC scheme;

That Article 1.2 of the MoU envisages Addenda defining each contribution pledged to the CTF3 Collaboration,

The **RACAH INSTITUTE OF PHYSICS AT THE HEBREW UNIVERSITY** represented by Prof. Ofer Biham, in its capacity as a member of the CTF3 collaboration, **HEREWITH AGREES** to make the following contributions:

In the period 2012-2018

- Study, using such techniques as atomistic and kinetic simulations, the basic material science aspects of key issues of high-gradient acceleration. These include breakdown phenomena and material and structure preparation for high-gradients.

This activity will involve commitment of 20% of the time for the principal investigator (Dr. Yinon Ashkenazy) and 80% of the time for one graduate level student. The total time needed amounts to 5 man years over this period.

This Addendum shall form an integral part of the MoU.

Done in Geneva on:

For the Hebrew University / Racah Institute of Physics



Head of Institute, Prof. Ofer Biham

Dr. Yinon Ashkenazy

