

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 UNIVERSITY OF TARTU, ESTONIA
TO THE CTF3 COLLABORATION**

21/01/2013

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 **UNIVERSITY OF TARTU, ESTONIA** represented by **Vice Rector for Research, Dr. Marco Kirm**, in its capacity as Member of the CTF3 Collaboration, **HEREWITH AGREES** to make the following contributions:

In the period 2012 - 2014

- study the dynamics of breakdown which occur in high-gradient accelerating structures such as those of CLIC, with particular emphasis on the investigation of the coupled mechanical and electromagnetic behaviour of surfaces under the application of high fields.
- The primary computer simulation techniques which will be applied and developed include: finite element, kinetic Monte Carlo and molecular dynamics.

The total amounts to 2,5 man*years over this period.

This Addendum shall form an integral part of the MoU.

Done in Geneva on:

For the University of Tartu, Estonia



Dr. Marco Kirm
Vice Rector for Research