

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
AARHUS UNIVERSITY, DENMARK
TO THE CTF3 COLLABORATION

Date

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,

DEPARTMENT OF PHYSICS AND ASTRONOMY, AARHUS UNIVERSITY, DENMARK, REPRESENTED BY ULRIK I. UGGERHØJ, in its capacity as Member of the CTF3 Collaboration, **HEREWITH AGREES** to make the following contributions:

In the period 2009-2012

- To support a PhD student at the level of 50% for three years to work on QED processes in a strong external field. The other 50% will be funded by CERN. The work will consist in carrying out experiments in crystals to verify the theoretical formulae, in improving the implementation of QED processes in a strong field in the beam-beam simulation code GUINEA-PIG and an evaluation of the uncertainties of the predictions for CLIC.

The total amounts to 1.5 man*years over this period.

This Addendum shall form an integral part of the MoU.

Done in Geneva on:

3.7.09

For the AARHUS UNIVERSITY

Ulrik Uggerhøj