

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

UPPSALA UNIVERSITY

TO THE CTF3 COLLABORATION

November 2005

A handwritten signature in black ink, located in the bottom right corner of the page. It appears to be a stylized name, possibly 'J. B.' or similar, with a long horizontal stroke extending to the right.

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,

UPPSALA UNIVERSITY, in its capacity as Member of the CTF3 Collaboration, HERewith AGREES to make the following contributions:

Already provided until/inclusive 31 December 2004

- Participation in design and commissioning of the Preliminary Phase of CTF3. This contribution amounts to 1.5 man-years
- Development, construction and testing of a phase monitor. This contribution amounts to 150 kCHF capital funds and 1.5 man-years manpower.

UPPSALA UNIVERSITY shall assume responsibility for the provision of the following in-kind contributions to CTF3:

- Provision of 16 quadrupoles, 3 bending magnets and 5 steering magnets which were previously installed in the beam transfer line between the Gustaf Werner cyclotron and the CELCIUS storage ring at the The Svedberg Laboratory in Uppsala. The estimated value of this contribution is 150 kCHF.
- Commissioning and further developments of the phase monitor within the Confocal Resonator Monitor task of the Diagnostic work package of EuroTeV.

This contribution, including manpower, is valued 200 kCHF.

- Joint responsibility with CERN for further design and construction of the two-beam test-stand, including;
 - magnets
 - vacuum system

PD T&C

- electron beam diagnostics
- slow data acquisition to analyze rf-breakdowns
- mechanical support structures

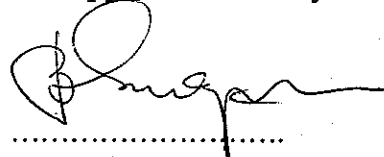
for the drive- and probe beam line up to the respective beam dumps.

This contribution, including manpower, is valued 2.3 MCHF.

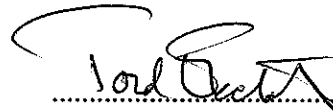
This Addendum shall form an integral part of the MoU.

Done in Uppsala on 20 December 2005

For Uppsala University



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Vice-Chancellor of Uppsala University



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Chair of Elementary Particle Physics at
Uppsala University