

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

Paul Scherrer Institut

5232 Villigen PSI, Switzerland

TO THE CTF3 COLLABORATION

November 2006

(revised October 2009)

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;

the CTF3 Collaboration,

The Paul Scherrer Institut in its capacity as Member of the CTF3 Collaboration, herewith confirms that the following contributions have been provided until 31 December 2006:

- components for a modulator to be used for a 3 GHz klystron, consisting of the following items:
Charging power supply, etc.

The value of the equipment is estimated to be CHF 200'000

The Paul Scherrer Institut will provide the following additional contributions;

- One post-doctoral worker full time (2 years, started November 2008) and one doctoral student full-time (3years, to start in 2010) to work on the development, fabrication and testing of prototype CLIC accelerating structures with damping material for HOM and wake-field suppression.
- Funding of 106 kCHF for the procurement of a damped high-gradient X-band structure.
- The construction of two X-band structures which will be used for long term tests of high power breakdown rate at the two beam test stand as well as for tests with beam at PSI (260 kCHF).
- Design of a wide-band phase monitor for synchronisation between CLIC drive and main beams. This effort is estimated to require 1 man-year.

Furthermore the Paul Scherrer Institut wishes to add to Article 8, Liability the following:

Disclaimer of Liability

Except as otherwise specifically mentioned in Memorandum of Understanding and the Addendum thereto, neither PSI, nor any party acting on its behalf:

- makes any warranty, express or implied, with respect to the completeness or use of any information, apparatus, method or process disclosed under this

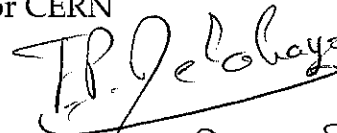
Addendum or that such use may not infringe privately owned rights of third parties;

- assumes any liability with respect to the uses of, or for any damages resulting from the use of, any information, apparatus, method or process disclosed under this Addendum; or
- will be liable to the other or to any other entity for any indirect, special, consequential or incidental damages, however caused and on any theory of liability arising out of this Addendum, whether or not such party has been advised of the possibility of such damage.

This Addendum shall form an integral part of the MoU.

Done in Geneva on 15 April 2010,

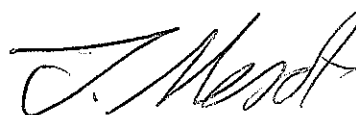
For CERN



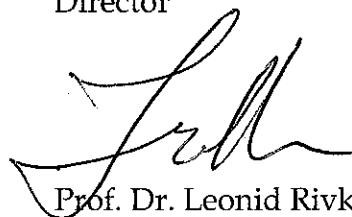
Dr. Jean Pierre Delabays
CLIC Study Leader

Done in Villigen on 25 March 2010,

For the Paul Scherrer Institute



Prof. Dr. Joel Mesot
Director



Prof. Dr. Leonid Rivkin
Department Head