

ADDENDUM

to

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

between

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

concerning

**THE CONTRIBUTION OF
ANL
TO THE CTF3 COLLABORATION**

Date

30th March 2009

CONSIDERING:

The Memorandum of Understanding ("the MoU") defining the framework 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 CLIC-CTF3 Collaboration,

ARGONNE NATIONAL LAB, USA, REPRESENTED BY WEI GAI, in its capacity as Member of the CLIC-CTF3 Collaboration, **HEREWITH AGREES** to make the following contributions:

- 1) Report to evaluate an optimized undulator for CLIC with detailed simulations.
- 2) Report on tracking simulations from undulator up to the Injector linac including target, adiabatic matching device, capture section, pre-acceleration and acceleration (up to 2.4 GeV).
- 3) Report of impact of undulator on CLIC electron beam quality.
- 4) For the Compton ring configuration, perform simulations of the e^+ target, the capture, acceleration and stacking.

In the period 2 years

2 man-months (W. Gai)

4 man-months (W. Liu)

The total amounts to 0.5 man*years over this period.

This Addendum shall form an integral part of the MoU.

Done in Geneva on:

29-May-2009

For the **NAME**

J. Weerts