

ADDENDUM 3

to

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

between

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

concerning

**THE CONTRIBUTION OF
SLAC
TO THE CTF3 COLLABORATION**

Date

29th October 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,

SLAC NATIONAL ACCELERATOR LABORATORY, UNITED STATES,
REPRESENTED BY TOR RAUBENHEIMER, in its capacity as Member of the CLIC-CTF3 Collaboration, **HEREWITH AGREES** to make the following contributions:

Evaluation and prototype testing of suitable BPM types for the CLIC drive beam

This addendum covers the association of Mr. Steve Smith (SLAC) with the CERN Beam Instrumentation Group as a Project Associate from 1st January 2010 to 31st December 2010. Mr. Smith will take a leading role in the development of a precise Beam Position Monitor (BPM) capable of achieving the CLIC drive beam requirements of two micrometre resolution and twenty micrometre absolute accuracy.

The work will include:

- Study of different BPM types (cavity BPM, re-entrant cavity BPM, inductive BPM, button BPM, etc.) with a view to selecting the best candidate taking into consideration the specifications, cost and mass production issues associated with this choice.
- The construction and laboratory tests of a prototype unit.
- Contributing to the CLIC CDR with the results of the study on the technical feasibility and with a first cost estimate.

CERN will cover all material costs related to prototype development and testing.

Mr. Smith will remain an employee of SLAC during the entire period of association and will be entitled to return to SLAC upon termination of his association with CERN. CERN will pay Mr. Smith a monthly allowance to cover living expenses, corresponding to the standard CERN Project Associate subsistence in vigour during the period of association. CERN will also reimburse the travel costs related to his arrival at CERN and departure at the end of the contract.

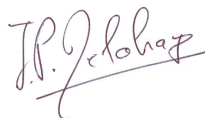
In accordance with the CERN Staff Rules and Regulations SLAC will be responsible for ensuring that Mr. Smith has adequate social insurance cover during his stay at CERN, while Mr. Smith himself will be under the obligation to ensure that such cover also extends to all accompanying family members.

Tor Raubenheimer



For SLAC

Jean-Pierre Delahaye



For CERN