

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 THE INSTITUTE OF APPLIED PHYSICS
(IAP) OF THE RUSSIAN ACADEMY OF SCIENCES**

TO THE CTF3 COLLABORATION

October 2005

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,

The Institute of Applied Physics (IAP), in its capacity as Member of the CTF3 Collaboration, **HEREWITH AGREES** to make the following contributions:

Already agreed contribution:

Development, in a first stage, of a non-sealed 30 GHz pulsed gyrokystron with an output power of 7-10 MW which can be used as a prototype for the possible industrial fabrication by GYCOM of four tubes for a 30 GHz stand-alone power source (Work Package 9) of the CLIC accelerated R&D program.

In the second stage, the final aim of the IAP research would be to elaborate a gyrokystron with a peak power of 30 MW.

The total cost (manpower and material) of the 30 GHz gyrokystron research by IAP during 2004-2008 is about 800 k\$, including the 227 k\$ contribution by the ISTC, during 2005-2008, under the Project #3169.

This Addendum shall form an integral part of the MoU.

Done in Nizhny Novgorod on 2005-11-01

For the INSTITUTE OF APPLIED PHYSICS
(IAP) Nizhny Novgorod

Director,
Professor

 A. G. Litvak.