ONASSIS INTERNATIONAL PRIZES

Laudation
(sent by letter)
for
Professor Dimitri Nanopoulos
by
Professor Samuel C.C. Ting
(Nobel Prize in Physics 1976)

Professor Dimitri Nanopoulos
Texas A+M University

14th October 2006

Dear Dimitri:

Please accept my heartfelt congratulations on your receipt of the Onassis Award.

I have followed your career for more than three decades and you have made fundamental contributions to the theoretical foundations of modern physics. These include your important work on:

1. Gauge Theory
2. The interpretation of Charm.
3. CP violation leading to the foundation of CKM theory.
4. You were the first to point out that gluon gluon fusion is the dominant way to produce Higgs boson at LHC and this opened the way for experimentalists to search for Higgs at the world's largest accelerator.
5. You were one of the founders of Grand Unified Theory (GUT). Indeed, Professor Peter McIntyre and I are deeply involved in the AMS Experiment on the Space Station to test you GUT theory. The GUT theory provides an effective way to combine gravitation, electroweak and strong forces – a dream of every physicist since Einstein.
6. You have started the String Theory Model Building which now is a topic of major research in theoretical physics.
7. You have opened a way for application of String Theory to cosmology. This will furnish a deeper understanding of the origin of our universe. Professor McIntyre and I hope that the AMS Experiment may provide a clue to some of the questions of cosmology.

You are truly a giant in modern physics. Your award is richly deserved and I sincerely hope in the near future you will receive other recognition.

I deeply regret that due to unavoidable commitments relating the review by DOE on the AMS Experiment I must be in the U.S. on the 18th of October. I am grateful that Professor McIntyre will be able to attend the great ceremony and convey my letter to you on this occasion.

With best egards,
Samuel C.C. Ting