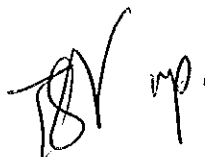


**Expression of Interest
In
The Participation of Physicists from Universities and Research
Institutes from Thailand in the CMS Experiment at the
CERN LHC Accelerator**

The Synchrotron Light Research Institute (Public Organization) of Thailand ("SLRI") and the Institutes of the CMS Collaboration at the European Organization for Nuclear Research ("CERN") Large Hadron Collider ("LHC") accelerator hereby express their joint interest in enabling physicists from Thailand to participate in this experiment.

Considering:

- Thai Universities, such as the Chulalongkorn University and Mahidol University, in co-ordination with the SLRI, wish to develop the research training of scientists from Thailand.
- The Department of Physics of the Chulalongkorn University has well-established academic programmes in both experimental and theoretical physics that lead up to postgraduate degrees.
- The Chulalongkorn University has hosted several international workshops and has conducted short courses and seminars given by Professors from foreign institutes.
- A student of the Chulalongkorn University has been working within the CMS experiment under the supervision of a CERN/CMS senior research scientist, on neutron backgrounds to the muon system and spin observables in Supersymmetry. This student, who has visited CERN for longer periods on several occasions, has expressed interest in undertaking research in high-energy particle physics.
- The supervisor of the student at Chulalongkorn University has spent time at CEBAF and has expressed interest in building up an activity in Thailand related to LHC physics with the CMS experiment.

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- The CMS Collaboration has hosted two students from the Chulalongkorn University and one student from the Mahidol University in the framework of the CERN Summer Student programme.
- Senior physicists in the CMS Collaboration have expressed their readiness to help find support for qualified students from other universities in Thailand in addition to the Chulalongkorn University.

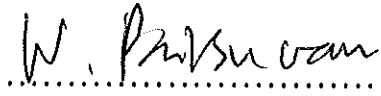
The SLRI and the CMS Collaboration agree to further their common scientific interest in enabling physicists from Thailand to participate in the CMS experiment and related programmes.

- The principal initial aspects of the co-operation will include experimental particle physics and related aspects of detector physics and technology, data analysis and information technology.
- The CMS Collaboration agrees to host doctoral students and/or young scientists from Thailand, who are under the responsibility and supervision of physicists from institutes that are members of the CMS Collaboration and who receive support from CERN, the SLRI, its participating Universities or some suitable third-party source.
- Such doctoral students and/or young scientists from Thailand will receive all the professional advice and informatics support that the CMS Collaboration customarily provides to doctoral students from its collaborating institutes.
- The SLRI, its participating Universities and the CMS Collaboration will continue to seek opportunities for students to participate in the CERN Summer Student programme, and the Collaboration will provide suitable projects, supervision and associated logistics for students who obtain adequate funding.
- The SLRI, its participating Universities and the CMS Collaboration will also seek opportunities for doctoral students and more senior physicists from Thailand to spend training periods at CERN and in institutes of the CMS Collaboration.
- The SLRI, its participating Universities and the CMS Collaboration will investigate the possibility of seeking research funding for collaborative projects from third-party funding.

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Done at Geneva on 16 March 2009.

For the SLRI



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Weerapong Pairsuwan
Member of Administration Board
Acting Director

For the Institutes of the
CMS Collaboration



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Tejinder Virdee
Spokesperson