

A A R H U S U N I V E R S I T E T



Center for the Topology and
Quantization of Moduli Spaces



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INSTITUTE FOR ADVANCED STUDY, SCHOOL OF NATURAL SCIENCES, PRINCETON

CTQM

NIELSEN LECTURE

GAUGE THEORY

AND THE GEOMETRIC LANGLANDS PROGRAM

MONDAY, 26 JUNE, 2006 AT 10:30 IN AUDITORIUM F AT THE DEPARTMENT OF MATHEMATICAL SCIENCES
FACULTY OF SCIENCE, UNIVERSITY OF AARHUS

ABSTRACT: A twisted version of four-dimensional supersymmetric gauge theory can be used to study the geometric Langlands program. The twist involved is analogous to the twist by which Donaldson theory can be obtained from supersymmetric gauge theory.

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LINDHARD LECTURE

QUARK CONFINEMENT AND BLACK HOLES

MONDAY, 26 JUNE, 2006 AT 14:30 IN THE LAKESIDE LECTURES THEATRES
FACULTY OF SCIENCE, UNIVERSITY OF AARHUS

ABSTRACT: Quark confinement is the problem of understanding why quarks are permanently bound together into particles such as protons and neutrons. The talk will be a survey of old and new insights relating this question to string theory and black holes.

THERE WILL BE A RECEPTION AFTER THE LINDHARD LECTURE

FOR FURTHER INFORMATION, PLEASE CONTACT

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