



ROMES SEMINAR SERIES

CENTER FOR MATHEMATICAL SCIENCES (CMS)/
DEPARTMENT OF PHYSICS AND APPLIED
MATHEMATICS (DPAM)

DR. TAKEHIKO SAITO

Chief Scientist

Laser Science Laboratory
Japan

TITLE OF TALK

**RECENT ADVANCEMENTS IN
NEUTRON IMAGING
TECHNIQUES**



INTRODUCTION

The research interests of Dr. Takehiko Saito include Elementary Particle Physics, Nuclear Physics and Experimental Physics.

He is a Chief Scientist of the High Energy Nuclear Physics Laboratory at RIKEN. He won many awards such as Chinese MOST-RIKEN funding and Special budget from RIKEN Cluster of Pioneering Research.

Nuclear Physics is a cornerstone of strategic initiatives related to national security, energy independence, and technological innovation. Its relevance extends from maintaining nuclear deterrence and promoting non-proliferation to advancing clean energy solutions and ensuring a nation's ability to respond to nuclear crises. Therefore, expertise in nuclear physics is indispensable for addressing the complex strategic needs of the modern world. Neutron imaging is crucial for strategic needs due to its unique ability to non-destructively inspect and analyze materials that are otherwise challenging to examine. Neutron imaging techniques will be discussed in this lecture.

DATE & VENUE

Thursday, October 17, 2024

At 1:45PM to 03:30PM

Lyceum Hall Block-A

PIEAS, Islamabad

**ANYBODY CAN
NO REGISTRATION FEE**

JOIN

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