THE UNIVERSITY



OF HONG KONG

Department of Mathematics

COLLOQUIUM

Weight representations of Affine Lie algebras

Professor Vyacheslav Futorny

Southern University of Science and Technology

Abstract

We will describe the state of the art in the representation theory of Affine Lie algebras. In particular, we will consider constructions and explicit realizations of positive energy representations which are relevant to Quantum Field Theory and discuss open problems.

Date:	April 21, 2023 (Friday)
Time:	3:00 – 4:00pm
Venue:	Room 210, Run Run Shaw Building,
	HKU

All are welcome