THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 1, Ziskind Building
on Wednesday, Sep 14, 2016
at 11:00

Jian-Rong Li
Weizmann Institute of Science

Introduction to cluster algebras

Abstract:

Cluster algebras are a class of commutative rings introduced by Fomin and Zelevinsky in 2000. I will give an introductory talk about cluster algebras. The main examples are the cluster algebra of type A2, the coordinate ring of $\text{SL}_4/N$, and the homogeneous coordinate ring of the Grassmannian $\text{Gr}_{\{2,n+3}\text{\{C\}}}$. 