

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research  
Department of Mathematics*

## **GEOMETRY SEMINAR**

# On equivariant cohomology of Calogero-Moser spaces

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### **Abstract**

I will report a recent joint work with Cédric Bonnafé in which we compute equivariant cohomology of smooth Calogero-Moser spaces using representation theory of rational Cherednik algebras. We also give an application to the computation of equivariant cohomology of related symplectic resolutions.

Date: December 18, 2018 (Tuesday)

Time: 4:00 - 5:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

*All are welcome*