**THE UNIVERSITY**       **OF HONG KONG**

*Institute of Mathematical Research*
*Department of Mathematics*

# Seminar

# Equationally Noetherian algebras

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### Abstract

We show that Witt algebras $W_n$, left-symmetric Witt algebras $L_n$, symplectic Poisson algebras $P_n$, and free algebras of the varieties generated by these algebras are equationally Noetherian. The talk is based on the joint article with M. Mustafa and U. Umirbaev.

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| Date: | March 18, 2024 (Monday) |
| Time: | 4:00 – 5:00pm |
| Venue: | Room 210, Run Run Shaw Building, HKU |

*All are welcome*