

## GROEBNER-SHIRSHOV BASES FOR (PRE)MONOIDAL CATEGORIES

## **Speaker: Guodong Zhou East China Normal University**

Time: Tue, May 20, 9:30-10:30am

Venue: Room 110, SCMS

## **Abstract:**

We introduce a Groebner-Shirshov basis theory for (pre)monoidal categories and present some applications to Lie theory. This is a joint work in progress with Ziling Li and Linliang Song.