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**Title: Elliptic Artin group**

Abstract: Artin groups (= generalized braid groups) are introduced (Brieskorn-Saito 1973) either by (1) generators and Coxeter-Artin relations, or by (2) the fundamental groups of (generalized) configuration spaces (= regular orbit spaces of finite Weyl groups). They are playing important roles in mathematics (representation theory and geometry of moduli spaces).

In this talk, I (joint with Yoshihisa Saito) will introduce elliptic Artin groups, which are defined either by (1) generators and elliptic Coxeter-Artin relations, or by (2) the fundamental groups of elliptic configuration spaces (= regular orbit spaces of elliptic Weyl groups). Here, elliptic Coxeter-Artin relations were (in the Weyl group level) introduced by Saito-Takebayashi (1990) and the calculation of the fundamental groups is done by Van der Lek (1983).

This is a joint work with Yoshihisa Saito (Rikkyo university)