

# GRADUATE SEMINAR

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## The Commutativity Problem For Schurian Association Schemes Arising From String Coxeter Groups

*PhD Student supervised by Allen Herman*

**August 19th, 2019**

**3:00 pm**

**Lounge (CW 307.20)**

**Abstract:** The objective of this seminar is to address schurian association schemes arising from a string Coxeter group  $G$ . I will talk about the problem of when the schurian association scheme  $\mathbb{C}[G//H]$  generated by the double cosets of  $G$  with respect to a vertex stabilizer subgroup  $H$  is commutative. I will give examples of these association schemes for finite string Coxeter groups.