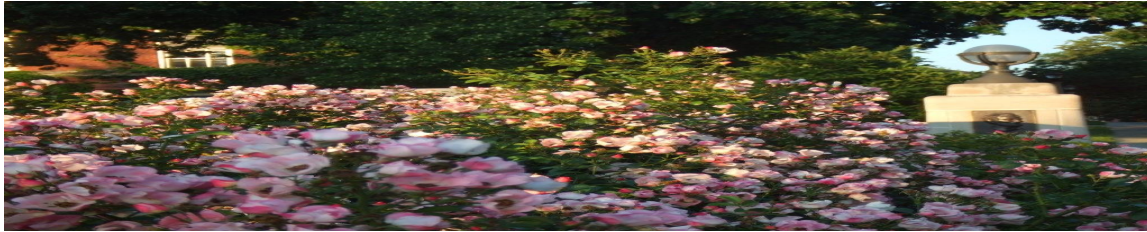


# ISU ALGEBRA SEMINAR



## SPRING 2017 SCHEDULE

Wednesdays, 11:00 AM-11:50 AM at STV 216

---

**March 1, 2017**

**Speaker:** Sunil Chebolu

**Talk title:** Additive Subgroups of Commutative Rings - I

**Abstract:** We address the following natural questions related to a commutative ring  $R$  by working with specific examples. When is an additive subgroup of  $(R, +)$  an ideal of  $R$ ? What are all rings  $R$  in which every additive subgroup of  $(R, +)$  is an ideal of  $R$ ? What is the probability that a randomly chosen additive subgroup of  $(R, +)$  is an ideal of  $R$ ? This is joint work with Christina Henry (my former graduate student) and has appeared in *Involve*.

