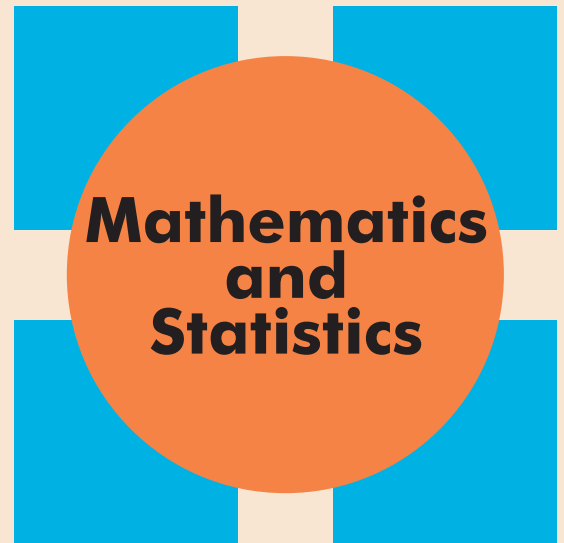


# COLLOQUIUM

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## **Survival Analysis Methods for Combined Cohort Data and Time-to-Event Data Measured With Error**



Date: Friday September 9, 2022

Time: 3:30 PM

Room: RI 208

**Abstract:** The incident cohort study with follow-up and the prevalent cohort study with follow-up are two commonly used study designs in survival analysis which generate failure time data that are right-censored or left-truncated and right-censored, respectively. There are advantages and drawbacks to each of these studies when viewed separately. In this talk, we discuss two problems:

- (i) When available, how can the data from incident and prevalent cohort studies with follow-up be combined to improve estimation of different survival quantities?
- (ii) How can measurement error be incorporated into failure time data observed from the prevalent cohort study with follow-up?