

## **Research Seminar**

## Mixed-Integer Convex Programming for Statistical Learning



Dr. Simge Küçükyavuz
Associate Professor
Industrial Engineering and Management Sciences Department
Northwestern University

Friday, March 19, 2021 11:00 a.m. – 12:15 p.m.

Zoom link: https://smu.zoom.us/j/95095343594

**Abstract:** In the first part of this talk, we consider the problem of learning an optimal directed acyclic graph (DAG) from continuous observational data. We cast this problem in the form of a mathematical programming model which can naturally incorporate a super-structure to reduce the set of candidate DAGs. We