

## **Rigidity and connectivity**

**Speaker:** Tibor Jordán

**Abstract:** It is well known that graph rigidity and graph connectivity are closely related. Various forms of connectivity show up in necessary and/or sufficient conditions of certain rigidity and global rigidity properties of graphs. In this talk I will present some recent results that pointed out new and perhaps surprising connections between rigidity and connectivity and led to the solutions of some long standing conjectures in graph theory and rigidity theory.