**Mapping Change in Large Networks**

**Goal**: many real-world systems (biology, air traffic, finance, science) evolve, but distinguishing meaningful trends from noise is challenging. So, this is the objective of the method presented.

The method involves four parts:

1. **Cluster** the networks observed at each time window
2. **Bootstrap resampling & significance clustering**
3. Check whether clusters are statistically robust
4. **Alluvial diagrams** – visualization to show how clusters evolve, merge, or split between time periods

This workflow allows researchers to not only detect mergers and splits in clusters but also to assign statistical confidence and visualize changes in a clear, interpretable way.