Highlights

- 1. Quadratic assignment problems (QAPs) are NP-hard, so approximations are necessary for large problems
- 2. Graph matching can be cast as a QAP
- 3. We develop a fast approximate algorithm based on the Frank-Wolfe algorithm
- 4. Empirical performance is faster and better than previous state-of-the- art
- 5. Applying our approach to brain-graphs yield perfect matching.