Presentation Topics:

Interval, Chordal and Gabrielle Graphs:

Closure Graphs and Applications:

Independent Sets in Claw-free Graphs

Generalized Flow Problems:
- Kevin Wayne, Math of OR, 27, #3, (2002), pp. 445-459; see also references in this paper.

Multi-commodity Flows Approximation:

Strongly Polynomial Algorithms for Min-Cost Flow Problem:
- Frank and Tardos, Combinatorica, 7 (1987), pp. 49-65
- Fujishighe: Math Prog. 35, (1986), pp. 298-309
- Shigeno, Iwata, and McCormick, Math of O.R. February 2000, pp. 76-103

Edge and node coloring and list coloring:
- Vizing’s Theorem and Edge Coloring
- Distributed Algorithm for Edge Coloring

Maximum Flow Applications: (see book by Cook, Cunningham, etc.)
Mathematical Elimination of Sports Teams; Dilworth Chain Decomposition;
Matrices of 0/1
Preflow Push Algorithms for Maximum flow:
- A.V. Karzanov (see also Book by Ahuja or CLR)

Ring Loading Problem:
- Schrijver, P.D. Seymour, P. Winkler: SIAM J Disc. Math 11 #1, pp. 1-14
- Young-Soo Myung, SIAM Disc Math 14, #3, pp. 291-298

Planarity Testing Algorithms:
- Demoucron/Malagrange/Pertuiset(1964): Rev Francaise Recherche Operationelle, 8, pp. 33-47

Overall Minimum Cut and Generalizations:
- On Minimzing Symmetric Set Functions: Romeo Rizzi, July 1999