

2014 International Workshop on Structure in Graphs and Matroids Princeton, NJ, July 21-25

Organizers: *Rudi Pendavingh*, rudi@win.tue.nl, +1(609)216-6318

Stefan van Zwam, svanzwam@math.princeton.edu, +1(609)937-9157

Venue: Lewis Library 120 (at the intersection of Washington Road and Ivy Lane)

Schedule

Breaks: 10 to 10:15, 11:15 to 11:45, 12:45 to 15:00, 16:00 to 16:30

Mon	9:15	Opening	
	9:30	James Oxley	Unavoidable connected matroids retaining a specified minor
	10:15	Geoff Whittle	Solving Rota's Conjecture
	11:45	Sang-il Oum	Constructive algorithm for path-width and branch-width of matroids
	12:15	Maria Chudnovsky	Coloring graphs with forbidden induced subgraphs
	15:00	Dillon Mayhew	Fragility and excluded minors for dyadic matroids
	15:30	Ben Clark	Towards an excluded-minor characterisation of the Hydra-5 matroids
	16:30	Jorn van der Pol	Counting matroids in minor-closed classes
	17:00	Charles Semple	Recovering a binary matroid without knowing its big circuits
	17:30	Thomas Savitsky	Enumeration of 2-Polymatroids on up to Seven Elements
Tue	9:00	Joseph Bonin	Presentations and Extensions of Transversal Matroids
	9:30	Antoine Poirier	Edge Contraction Reconstruction
	10:15	Reinhard Diestel	Unifying duality theorems for width parameters in graphs and matroids
	11:45	Mike Newman	Axiomatizing real representability
	12:15	Guoli Ding	A splitter theorem for large 3-connected graphs
	15:00	Steven Noble	Introduction to delta-matroids
	15:30	Carolyn Chun	Inductive tools for delta-matroids
	16:30	Vaidy Sivaraman	Mock-threshold graphs
	17:00	Joao Costalonga	A splitter theorem
	17:30	Talmage James Reid	Binary and Regular Matroids without a Minor
Wed	9:00	Ross Kang	Extension from precoloured sets of edges
	9:30	Rong Chen	Intertwining connectivity in matroids
	10:15	Jim Geelen	Highly connected matroids in minor-closed classes
	11:45	Tony Huynh	Inequivalent representations of highly connected matroids
	12:15	Rohan Kapadia	Graph-like representations of represented matroids
	15:00	Sonoko Moriyama	Minimal non-orientable matroids of rank three
	15:30	Hidefumi Hiraishi	Excluded minors for orientability and representability of matroids
	16:30	Michael Welsh	On Maximum-sized Golden-mean Matroids
	17:00	Jakayla Robbins	Orienting GF(4)-representable matroids
	17:30	Benson Joeris	A refinement of the grid theorem
Thu	9:00	Gary Gordon	Linear relations for a generalized Tutte polynomial
	9:30	Jesse Taylor	When matroids guarantee their duals as minors
	10:15	Daniel Král	Combinatorial limits and matroid theory
	11:45	Emmanuel Abbe	Relationships between entropy and matroids
	12:15	Haidong Wu	3-Connected binary matroids with no P_5 -minor
	15:00	Nathan Bowler	Infinite trees of matroids
	15:30	Johannes Carmesin	Infinite Matroid Intersection Conjecture – An Overview
	16:30	Jerzy Wojciechowski	Matchability of pairs of infinite matroids
	17:00	Rhiannon Hall	Matroid Tree Width and the Chromatic Polynomial
	Fri	9:00	Petr Hlineny
9:30		Sandra Kingan	Splitters and Decomposers for Binary Matroids
10:15		Peter Nelson	Dense triangle-free binary matroids
11:45		Nick Brettell	An algorithm for constructing a matroid's k -tree
12:15		Simon Pfeil	Unbreakable Matroids
15:00		Irene Pivotto	Biased graphs with no two vertex-disjoint unbalanced cycles
15:30		Daniel Slilaty	Biased graphs realized by gain functions
16:30		Hui Fai Law	Infinite gammoids
17:00		Matthias Hamann	Accessibility in transitive graphs
17:30		Rutger Campbell	Dense triangle free binary matroids

Dining suggestions in Princeton

Breakfast:

PJ's Pancake House: 154 Nassau St, Princeton, NJ 08540, tel. (609) 924-1353, \$\$\$. This old-fashioned American pancake house is the perfect place for breakfast. Try pancakes with a variety of toppings, eggs and bacon, or their famous "mashed browns" (mashed potatoes with onions and peppers)

Panera: 136 Nassau St, Princeton, NJ, tel. (609) 683-5222, \$. This little bakery is perfect for a little breakfast bite and a cup of coffee or tea.

Lunch:

The Princetonian Diner: 3509 Us Highway 1, Princeton, NJ 08540, tel. (609) 452-2271, \$\$\$. American diners don't specialize in one kind of food. Have breakfast food for lunch, sandwiches, salad, soup, wraps, or meat entrees. Try the "mile-high meat-loaf" piled high with mashed potatoes and onion rings.

Winberie's Restaurant & Bar: 1 Palmer Square, Princeton, NJ 08542, tel. (609) 921-0700, \$\$\$. This pleasant, affordable family restaurant becomes a lively pub in the evening. Specializing in pub food like chili and bacon-cheese nachos, Winberie's also serves hearty entrees like fajitas and fresh salads.

Witherspoon Grill: 57 Witherspoon St, Princeton, NJ 08088, tel. (609) 924-6011, \$\$\$\$. The Witherspoon Grill is the little restaurant with the big wine selection. Come here to unwind for lunch with a wedge of iceberg lettuce with blue cheese dressing and a glass of your favorite wine.

Tiger Noodles: 260 Nassau St, Princeton, NJ 08542, tel. (609) 252-0663, \$. Paul Seymour's favorite place for lunch. Tiger Noodles is a little Chinese restaurant with a lot of flavor.

Nassau Street Seafood & Produce Co.: 256 Nassau St., Princeton, NJ 08542, tel. (609) 921-0620, \$\$\$. This hole-in-the-wall seafood market has some of the freshest fish sandwiches in the county. Try the oyster po' boy (fried oysters and mayo on a roll) or the blackened catfish sandwich.

Thai Village: 235 Nassau St., Princeton, NJ 08540, tel. (609) 683-3896, \$\$\$. Traditional Thai food and drink. Try the Pad Thai.

Frist Campus Center: Princeton University Campus, \$. The food-gallery for students on campus. For when you want a quick, wallet-friendly lunch.

Prospect House Tap Room: Princeton University Campus, \$\$\$. Go downstairs. Payment by credit card only. This is the dining hall for Princeton faculty members. Buffet-style lunch. Summer BBQ lunch Thursday.

Dinner:

Alchemist and Barrister: 28 Witherspoon St, Princeton, NJ 08542, tel. (609) 924-5555, \$\$\$. A delightful little pub with outdoor seating. Try the chicken flatbread appetizer or the lamb stew entrée. Alchemist and Barrister also has an extensive drink menu, which includes various artisan meads and homemade sangria.

Cheeburger Cheeburger: 182 Nassau St, Princeton, NJ 08542, tel. (609) 921-0011, \$. If you're looking for the perfect American burger, look no further. Cheeburger allows you to customize your burger, offering different sized patties and a page of potential

toppings. Also customize your own milk shake. Choose from over 100 different milk shake mix-ins.

The Blue Point Grill: 258 Nassau St, Princeton, NJ 08542, tel. (609) 921-1211, \$\$\$\$. Fine seafood dining at its best.

P.F. Changs China Bistro: 3545 U.S. 1, Princeton, NJ 08540, tel. (609) 799-5163, \$\$\$. Hearty Asian-fusion with a great drink menu.

On the Border Mexican Grill and Cantina: 3567 U.S. 1, West Windsor, NJ 08540, tel. (609) 681-5656, \$\$\$. Tex-Mex the way they make it in Texas. Try the tamales or the Dos Equis Beer-battered fish tacos. Enjoy a margarita while you eat.

The Salt Creek Grille: 1 Rockingham Row, Princeton, NJ 08540, tel. (609) 419-4200, \$\$\$\$. Stefan's favorite place in town. This is the king of steakhouses. Try a goat cheese marinara appetizer and follow it with a mesquite-grilled NY Strip steak. Choose from hundreds of different wines.

Triumph Brewing Company: 138 Nassau St, Princeton, NJ 08542, tel. (609) 924-7855, \$\$\$. Triumph serves a variety of artisan beers brewed on the premises and couples them with great burgers and salads.

Bobby's Burger Palace: 3535 U.S. 1, Princeton, NJ 08540, tel. (609) 919-0182, \$\$\$. A variety of creatively cooked burgers. Order at the window and seat yourself.

Masala Grill: 19 Chambers St, Princeton, tel. (609) 921-0500, \$\$\$. The best Indian restaurant in town.

Take-out:

Sakura Express: 43 Witherspoon St, Princeton, NJ 08542, tel. (609) 430-1180, \$\$\$. Take out sushi served with a smile. There are a few tables for self-seating but they are often full.

Olive's Deli and Bakery: 22 Witherspoon St, Princeton, NJ 08542, tel. (609) 921-1569, \$\$\$. If you want to grab a quick sandwich or salad check out Olives. It's right next to campus in case you need to run to lunch and get back before the next talk.

Massimo's Pizza: 124 Nassau St, Princeton, NJ 08542, tel. (609) 924-0777, \$. Stop in and grab a slice of pizza from Massimo's. Try the BBQ chicken pizza.

Hoagie Haven: 242 Nassau St, Princeton, NJ 08542, tel. (609) 921-7723, \$. New Jerseyans call large sandwiches "Hoagies" and this place serves up some serious Hoagies.

Dessert and Cafe:

The Bent Spoon: 35 Palmer Sq W, Princeton, NJ 08540, tel. (609) 924-2368, \$\$\$. The absolute best dessert in Princeton. Homemade gelato and sorbet, many made with fresh, organic ingredients.

Halo Pub: 9 Hulfish St, Princeton, NJ 08542, tel. (609) 921-1710, \$. Although the name says "pub", this place is strictly ice cream and coffee. All ice cream is made on the premises. There are a few small tables.

Thomas Sweets: 183 Nassau St, Princeton, NJ 08542, tel. (609) 683-8720, \$. Take-out ice cream and milk shakes for when you need a cold, sweet break in the middle of the day.

Small World Coffee: 14 Witherspoon St, Princeton, NJ 08542, tel. (609) 924-4377, \$. Princeton's own coffee shop.