MATH 413 MINI-CONFERENCE, PART I

FRIDAY, APRIL 21, 2017, JEFF 319

Time	Speaker	Title
10:30–11:00	Trinity Chinner	Sums of Squares
11:00–11:30	Juliana Lebid	Bezout's Theorem
11:30–12:00	Patrick Norman	Bernstein's Theorem
12:00–13:00	Lunch (Conference room, Jeff 521)	
13:00–13:30	Steve Wilkins-Reeves	Algebraic Statistics
13:30-14:00	Sam Abernethy	Integer Programming
14:00–14:30	Kevin McKinnon	Automatic Theorem Proving

NOTES:

(1) Jeff 319 has a data projector, overhead projector, and chalkboard. You are welcome to use any combination of these in your presentation. I will bring the department laptop which can display pdf files and run powerpoint but which is also a bit slow. You may want to bring your own computer or arrange with a friend in the class to have a computer in common.

(2) The presentations should be 20 minutes long. The talks are scheduled in 30 minute blocks for the reasons that : (a) sometimes talks go over; (b) there should be time for some questions; and (c) it too much to go from one talk immediately to the next with no pause in between — this is not a relay race!

(3) Although it might seem slightly scary to be giving a presentation, you shouldn't be too worried: you are among friends, and all of them will be presenting too. In any case, you have spent some time understanding the topic, and as a result you are the local expert, and know more about this topic than anyone else. We will all learn something from your presentation, and the end of the day will have seen quite a lot of new mathematics.

(4) Lunch and snacks (of varying quality) will be provided.

MATH 413 MINI-CONFERENCE, PART II

WEDNESDAY, APRIL 26, 2017, JEFF 422

Time	Speaker	Title
10:00–10:30	Prince Zhao	Noether Normalization
10:30–11:00	Yutong Jiang	Invariants of Finite Groups
11:00–11:30	Guari Sharma	Combinatorial Nullstellensatz
11:30–12:00	Eric Han	Tropical Hypersurfaces
12:00–13:00	Lunch (Conference room, Jeff 521)	
13:00–13:30	Hersey Jiang	Stickelberger's Theorem
13:30-14:00	Lemonte Alie-Lamarche	The Hilbert Syzygy Theorem
14:00–14:30	Jeffery Diamond	The Quillen-Suslin Theorem

NOTES:

(1) Jeff 422 has a data projector, overhead projector, and chalkboard. You are welcome to use any combination of these in your presentation. I will bring the department laptop which can display pdf files and run powerpoint but which is also a bit slow. You may want to bring your own computer or arrange with a friend in the class to have a computer in common.

(2) The presentations should be 20 minutes long. The talks are scheduled in 30 minute blocks for the reasons that : (a) sometimes talks go over; (b) there should be time for some questions; and (c) it too much to go from one talk immediately to the next with no pause in between — this is not a relay race!

(3) Although it might seem slightly scary to be giving a presentation, you shouldn't be too worried: you are among friends, and all of them will be presenting too. In any case, you have spent some time understanding the topic, and as a result you are the local expert, and know more about this topic than anyone else. We will all learn something from your presentation, and the end of the day will have seen quite a lot of new mathematics.

(4) Lunch and snacks (of varying quality) will be provided.