

Spring Mini Courses in Analysis and Geometry

February 8 - 11, 2018

Louisiana State University

Baton Rouge, Louisiana

The program consists of three courses, a limited number of short talks, and a poster session. If you are interested in giving a talk or presenting a poster, email the organizers before February 1st, 2018. The courses are the following:

Course 1: Falconer's Conjecture - Geometric Measure Theory

Speaker: Alex Iosevich - *University of Rochester*

Course 2: Feichtinger's Conjecture - Frame Theory

Speaker: Peter G. Casazza - *University of Missouri*

Course 3: Fuglede's Conjecture

Speaker: Palle E.T. Jorgensen - *University of Iowa*

The conference will take place on the LSU campus, with Thursday, February 8, 2018, as the arrival day. There will be a welcome talk on Thursday afternoon, 5:30 to 6:30 pm. The main talks will start on Friday, February 9, and end on Sunday, February 11. All days will be organised similarly, with one hour lectures followed by a 30 minutes seminar, where participants can discuss and interact with the main speaker. The tentative schedule is as follows:

| Tentative Schedule | | | |
|--------------------|---------------|-------------------------------------|------------------------|
| Friday | 8:30 - 9:15 | Lecture 1: Falconer's Conjecture | <i>Alex Iosevich</i> |
| | 9:15 - 9:45 | Seminar 1: Falconer's Conjecture | <i>Alex Iosevich</i> |
| | 10:00 - 10:45 | Lecture 2: Feichtinger's Conjecture | <i>Peter Casazza</i> |
| | 10:45 - 11:15 | Seminar 2: Feichtinger's Conjecture | <i>Peter Casazza</i> |
| | 11:30 - 12:15 | Lecture 3: Fuglede's Conjecture | <i>Palle Jorgensen</i> |
| | 12:15 - 1:15 | Lunch | |
| | 1:15 - 1:45 | Seminar 3: Fuglede's Conjecture | <i>Palle Jorgensen</i> |
| | 2:15 - 4:15 | Talks - 6 talks of 15 minutes | |
| Saturday | 8:30 - 9:15 | Lecture 1: Feichtinger's Conjecture | <i>Peter Casazza</i> |
| | 9:15 - 9:45 | Seminar 1: Feichtinger's Conjecture | <i>Peter Casazza</i> |
| | 10:00 - 10:45 | Lecture 2: Fuglede's Conjecture | <i>Palle Jorgensen</i> |
| | 10:45 - 11:15 | Seminar 2: Fuglede's Conjecture | <i>Palle Jorgensen</i> |
| | 11:30 - 12:15 | Lecture 3: Falconer's Conjecture | <i>Alex Iosevich</i> |
| | 12:15 - 1:15 | Lunch | |
| | 1:15 - 1:45 | Seminar 3: Falconer's Conjecture | <i>Alex Iosevich</i> |
| | 3:00 - 5:00 | Poster Session | |
| Sunday | 9:30 - 10:15 | Fuglede's Conjecture | <i>Palle Jorgensen</i> |
| | 10:30 - 11:15 | Falconer's Conjecture | <i>Alex Iosevich</i> |
| | 11:30 - 12:15 | Feichtinger's Conjecture | <i>Peter Casazza</i> |

On-campus accommodations:

Staybridge Suites, Baton Rouge at the Southgate

This is a brand new hotel, conveniently located at the campus gate, which is closest to the Department of Mathematics. The webpage is <http://www.staybridge.com/>.