Random Spaces - Junior Seminar

This is a non-research seminar for postdocs and PhD students. The goal is to learn more about the different questions, objects, main results, and goals within AGRS. At the same time, it gives participants the opportunity to break out of the generic format of research talks.

<u>Date and time:</u> The seminar takes places on Mondays 2-2:50pm in the Simons Auditorium. The first talk will be on February 4th, 2022.

<u>Speakers</u>: We strongly encourage **each Postdoc and each PhD student of the AGRS program to contribute a talk** during the course of this semester. People from the Complex Dynamics program with an interest in AGRS are also welcome to give a talk if there are enough slots available. We will create a list of available slots and make it accessible (on the MSRI program website?) to all participants shortly.

<u>Audience</u>: All postdocs and PhD students of both programs are warmly invited to attend the talks. **We kindly ask faculty to <u>not</u> attend the junior seminar**.

<u>Format and style of the talks</u>: Your talk should be 45-50 min. Please make sure to not go over time so that there is enough time to discuss questions.

Your target audience are non-specialist grad students with only a basic background in AGRS. Please make sure that also people who are not exactly in the same field as you have a chance to learn something. Prepare your talks well, so that they are pleasant, enlightening, and well-structured. But feel free to use this seminar as a playground for experimenting with styles of talks. Naive or basic questions should be particularly welcome.

Here are some examples of things you could talk about.

Survey talk: give an introduction to a topic or a family of relevant open questions within the general field of AGRS. It can be something that you have worked on, or something that you are interested in working on. The focus is introducing the audience to the field rather than on presenting your own results and their proofs.

Explanatory talk: Pick a detail, technique, or 'black box' from one of the research talks from another seminar within AGRS. Dig deeper and explain it, or maybe break it down to a simpler version, to the rest of us.

Cool-result-talk: introduce, explain, and/or give a proof for a relevant, surprising or enlightening theorem or example/counterexample. Start your talk by introducing the necessary background to understand and appreciate the result.

Please feel free to reach out with questions, concerns, or comments.

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