

Topics in Fractal Geometry

Organizers:

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Important information for students:

1. Students work in pairs and each pair (group) presents two topics, one of more elementary nature and one advanced topic. Presentations can be given in German, French or English.
2. The books listed in the bibliography of the attached program are available in the math library. They are located on the shelf with books reserved for seminars and cannot be borrowed.
3. The attached program contains an outline for each topic. This is meant to serve as a rough guide to the material to be covered during each presentation. Each group should prepare their presentation using this outline and the relevant books. There exist other sources which might be helpful as well.
4. Each group schedules a main meeting with both organizers, which must take place **at least 2 to 3 weeks** before the actual presentation. The structure and principle goal of this main meeting:
 - (a) the group provides an outline (if possible at the blackboard) of the material they intend to cover during their presentation. This requires that the group has already put a considerable effort into understanding their topic and a diligent choice of material to be covered.
 - (b) in an ensuing discussion, the organizers provide feedback and suggestions for improvements. More detailed questions concerning the topic (including proofs and concepts) can also be discussed.
 - (c) the organizers outline their ideas concerning a writing assignment for each group.
5. Additional meetings (before and after the main meeting) to discuss specific questions should be scheduled with Teri Soultanis. Please schedule your meeting as early possible and not too close to your presentation and **do come well prepared!**

Let us all work together in order to better understand a

beautiful and exciting field in contemporary mathematics!

We look forward to your lively presentations!