Computational Mathematics – Timetable for Hilary Term 2019
Prof Vidit Nanda and Dr Alberto Paganini

Objectives

The objective of this practical course is to discover more about mathematics using Matlab. Last term you were introduced to some basic techniques, by working through the Michaelmas Term Students' Guide which you are due to complete near the beginning of this term. After this, for the rest of Hilary Term, you will work alone on two projects.

Schedule – Weeks 1 and 2

Practical sessions with demonstrators will be the same as those of Michaelmas Term. If, for a valid reason, you cannot attend your session, use the following link to book a seat in another session

https://doodle.com/poll/skkcv25zndf83u2c#

Each practical session will be run by a demonstrator and may include short lectures. You will need to bring your laptop to these sessions. If you are unable to bring a laptop to the sessions, please contact the Academic Assistant (acadadmin@maths.ox.ac.uk).

Schedule – Weeks 3 to 8

A lecture in week 3 on Tuesday (January 29) at 11am in L1 will introduce you to two projects.

You will work on the first project for three weeks and submit your solution electronically by

Monday of Week 6 (February 18) at 12 noon.

Then, you will work on the second project and submit your solution electronically by

Monday of Week 9 (March 11) at 12 noon.

Details about solution formatting and submission will be discussed on the 29th of January.

During weeks 3 to 8, we will organize drop-in sessions. In these sessions, you can ask demonstrators to help you with general problems you encounter in trying to carry out the project instructions. However, they will not assist in the actual project exercises.

Your solutions to the projects will be assessed and will constitute part of your Prelims and as such you must work on these independently and without any external help. In this regard, note that you will be asked to make a declaration stating that you were not aided by anyone other than the course lecturers and/or the demonstrators. Since the marks from the projects count towards Prelims they will not be released until after the Preliminary Examinations.