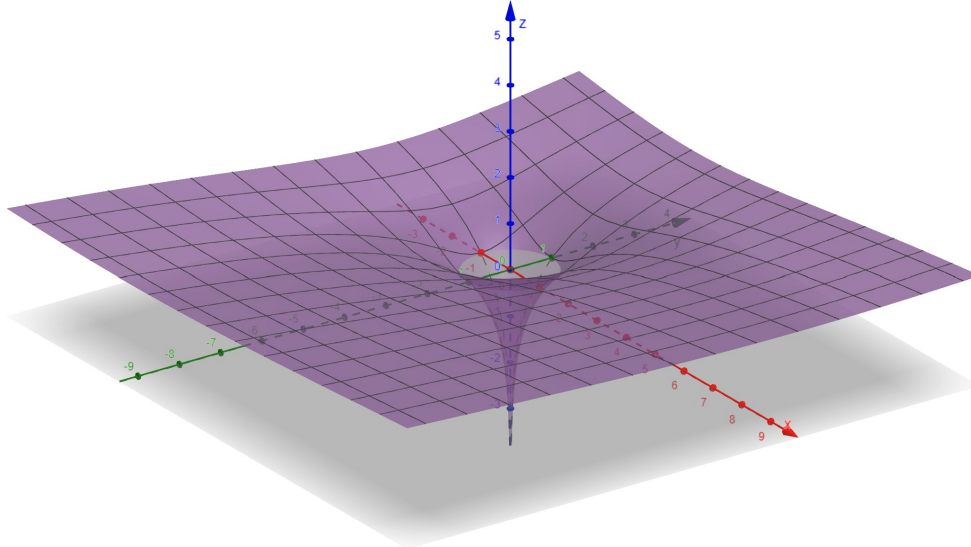


LTCC Intensive Course in Mathematical Sciences

Potential Theory and Applications

By Dr Myrto Manolaki, University College Dublin



COURSE SUMMARY:

This course will provide an overview of classical potential theory, with a focus on several advanced topics such as harmonic measures, the fine topology, the Martin boundary, and minimal thinness. In the last part of the course, we will discuss recent applications in function theory, with particular emphasis on the boundary behaviour of holomorphic functions.

PREREQUISITES:

Measure theory, functional analysis, complex analysis.

Date, Time & Venue

Day 1: Wednesday 07 October 2026

Time: 1:00 pm - 5:00 pm

Day 2: Wednesday 14 October 2026

Time: 1:00 pm - 5:00 pm

UCL, Department of Mathematics, Room **505**, 5th Floor, 25 Gordon Street, London, WC1H 0AY

Register Now!

Participants are asked to register by emailing: office@ltcc.ac.uk or

Fill form online by following the QR Code

www.ltcc.ac.uk



The London Taught Course Centre's Intensive Courses are freely open to all PhD students and academics in the Mathematical Sciences in the UK and outside, subject to suitable space being available. The course will take place over two days across two consecutive weeks.



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