
Barcelona Analysis Seminar **2022–2023**

URL. <https://mat.uab.cat/web/seminarianalisi/>

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Time. 15:00 CET

Room. T2 (Universitat de Barcelona)

Online streaming (Zoom). [Click here to join.](#)

The Calderon Problem: 40 Years Later

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Calderon's inverse problem asks whether one can determine the conductivity of a medium by making voltage and current measurements at the boundary. This question arises in several areas of applications including medical imaging and geophysics. I will report on some of the progress that has been made on this problem since Calderon proposed it, including recent developments on similar problems for nonlinear equations and nonlocal operators.