An inverse eigenvalue problem for isometries

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This talk is related to the following problem: when is a given finite set of modulus one complex numbers the spectrum of a linear isometry on a complex Banach space? Necessary conditions on such a set will be presented. Since sufficient conditions are related to the structure of specific Banach spaces, some particular cases will be considered and insightful examples will be given.

The core of this talk is based on the paper On isometries with finite spectrum, written jointly with Fernanda Botelho, accepted for publication in the Journal of Operator Theory.

30 Sep 2020, 12:00 (BST)

You can join the event via this link:
https://istaustria.zoom.us/j/92508301025?pwd=ZkQ4OUg0REhoRkFDOE4wMWp2ZkhVdz09
Meeting ID: 925 0830 1025
Passcode: 286369

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The slides and video recordings of all previous talks are available in this google drive folder:
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