

Adrian Ioana

UC San Diego

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11:00 A.M.
to 12:00 P.M.

Via Zoom



Classification and rigidity for group von Neumann algebras

Any countable group G gives rise to a von Neumann algebra $L(G)$. The classification of these group von Neumann algebras is a central theme in operator algebras. I will survey recent rigidity results which provide instances when various algebraic properties of groups, such as the presence or absence of a direct product decomposition, are remembered by their von Neumann algebras. I will also explain the strongest such rigidity results, where $L(G)$ completely remembers G , and discuss some of the open problems in the area.

Zoom Link:

<https://uregina-ca.zoom.us/j/98177032666?pwd=cDB1Y3I5bnVOY251amMwMUI4OWRFZz09>