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DISSERTATION PRESENTATION AND DEFENSE

Symmetries and Patterns in Sandpiles

WHEN

**April 19, 2022
1:50 PM**

WHERE

**IN-PERSON, Jones Laboratory, Room 304, AND REMOTE VIA ZOOM
(details sent via email announcement).**



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The Abelian sandpile is a deterministic diffusion process on graphs which produces striking, kaleidoscopic patterns. Why do these patterns appear? Are the patterns robust to noise? Do different graphs generate distinct patterns? This thesis presents some answers to these questions.

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