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Probing quantum puddles: nonlinear dynamics in superfluid film optomechanics

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Probing quantum puddles: Nonlinear dynamics in superfluid film optomechanics

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The cover shows a sketch of an optical ring resonator covered with a thin film of superfluid helium as described in the thesis. Two stylized photons with rubber boots create splashes and excite a mechanical mode in the superfluid film. The rain in the background is a nod to the Dutch weather that quickly changes between rain and sunshine.

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