

SONIC PLAYGROUD

1 0 0 W A Y S T O L I S T E N

MARCH 25 - QUEENSLAND CONSERVATORIUM

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'PIANO (Performance Interaction and Augmented Noise Object)' by John R. Ferguson and Mauricio Iregui

PIANO consists of a short-throw projector, a camera that sees only infrared, and a number of objects fitted with fiducial symbols. The location of physical objects and their angle of rotation is mapped to various audio parameters using Pure data software. The Sonic Playground installation emerged through collaborations between John Ferguson, Mauricio Iregui, and Music Technology students at QCGU. This revolves round audible beating, where two frequencies are closely aligned and a pulse is perceived, and some sample manipulation of a water recoding, as well as a low frequency oscillator.