

The LAIKA logo is displayed in a large, white, stylized font. The background of the top half of the page is a close-up of a hand holding a small, orange, doll-like character with large eyes and a red dress, set against a green background.The Intel logo is shown in its standard white font on a dark background.

LAIKA Studios and Intel Join Forces to Expand What's Possible in Stop Motion Filmmaking

LAIKA, best known for its Oscar®-nominated hybrid stop-motion feature films Coraline, ParaNorman, The Boxtrolls, Kubo and the Two Strings, and Missing Link, is always striving to innovate the animation medium. LAIKA partnered with Intel to develop tools powered by machine learning and AI that accelerate its digital paint and rotoscoping tasks with the goal of learning and accurately predicting multiple shapes, open and closed, in relation to the image while ensuring spatial smoothness and temporal coherence. Machine learning typically relies on large amounts of data to build models. Intel and LAIKA collaborated on a counterintuitive solution with smaller amounts of data predicated on the stop motion animation process.

“We’ve been challenged to realize the potential of stop-motion animation to tell bold, distinctive and enduring stories that are limitless in scope. It’s the collaboration between LAIKA’s artisans, technicians and companies like Intel that are enabling us to do just that. Personally, I’m so excited to see what the future holds.”

Jeff Stringer, Director of Production Technology, LAIKA

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