

# Simulating the Masters

CAPTURING THE MOTION | SIMULATING THE VIBRATION | ART OVER SCIENCE

## INNOVATIONS OVER TRADITIONAL METHODS

The tradition of violin making has for many years revolved around reproducing classical instruments by the Italian masters. Slowly, however, new materials and techniques are evolving to build stronger instruments as well as redefine them.

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### Audio Player: Violin Samples



**Play "Mozart Concert in D-major"**  
played by Ingolf Turban,  
concert violinist (00:24)



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 **PLAY**



**Play "Lament for the First Generation"**  
played by Sam Goodall, violinist and  
music educator (00:26)



### A Schleske 2006 prototype instrument, modeled on the "Schreiber" Stradivarius (1712)

Martin Schleske, a German violin maker, crafts instruments that are reproductions of classical instruments. He uses graphite fibers to adjust the tone of his wood violin tops, creating, according to Mr. Schleske, "significantly more sound volume and an easier response than even the finest conventional instruments."