

Inventors Magazine

Cover Story

Any sufficiently ADVANCED technology is indistinguishable from magic.

— Ge Wang quoting sci-fi writer Arthur C. Clarke

Photo courtesy of Ge Wang



BLOW IT OUT YOUR IPHONE

GE WANG AND HIS ENSEMBLE ARE REINVENTING WAYS TO MAKE MUSIC

BY MIKE DRUMMOND

The Stanford prof is conducting an ONGOING instrument and techno-sociology EXPERIMENT with mobile phones. Inventors of all stripes are invited to JOIN TOGETHER WITH THE BAND.

Ge Wang is an accomplished musician who has headed programs at Princeton and Stanford universities.

Ge's iPhone app makes him perform with

down or iPhone musicians.

He co-founded Stanford's Mobile Phone

Orchestra or MoPO, a repertoire-based

ensemble that uses the iPhone as its

primary musical instrument. Players cradle

mobile phones in their hands and play them

change pitch and timbre. When witnessed in concert, the swooping arm motions look like experimental performance art.

As an assistant professor at Stanford's Center for Computer Research in Music and Acoustics, Wang is doing more than tinkering with sound. He's using the iPhone's GPS and always-on Internet access to explore the boundaries of music, science, communication, social interaction and, literally, global harmony.

And he isn't your typical tweed-and-elbow-patch academic. He's also an entrepreneur.

Last year he co-founded Smule, a commercial spin-off of his mobile work. In April, Smule released its first musical iPhone application, Ocarina, named after a 12,000-year-old clay wind instrument found in ancient cultures.

Hold the iPhone like you would a

clarinet, and you can play to be sure

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