IP over Two Tin Cans and a Piece of Wet String

Alternatve Title: *Experiments with modulation and encoding for the transmission TCP/IP over a novel acoustical local-area network link.*

A common saying in networking circles is that you can run the Internet Protocol over anything, even two tin cans and a piece of wet string. Various other stupid^H^H^H^H^H^Hinteresting networking technologies have already been demonstrated, including [carrier pigeons](#) and [bongo drums](#). Now it's time for UCL to demonstrate our leadership in networking, with an implementation of IP over two tin cans and some string.

Experience required: C or C++ programing ability. Practical hands on attitude. Basic idea about signal processing. Sense of humour.

And no, I'm **not** joking - although the project subject is funny, the project is real. If you attempt this project, you'll learn a lot, solve some real problems, and do quite a bit of scientific experimentation.