Think of you having a contract with a smartphone provider. This contract offers a fixed Internet volume that is available for free, but that volume is rather small, so you want to use it as scarcely as possible. How can we use some of the Internet volume only in order to exchange control information, such as the current geographic positions of your friends or the location and dimension of radio holes (i.e., areas with no participants)? We can set up a so-called hybrid communication network between you and your friends as participants in order to find routes for WLAN communication. But how efficiently would that be?

In this talk we present the basic idea of a hybrid communication network related to routing. Since Delaunay Triangulations are well-known for having useful properties, they will help us to answer the questions above.