1. Dual-Microphone Smartphone Array

Android Issues: The Android OS does not currently provide
an API to turn on two microphones and fetch recording
data from them simultaneously. 2011-sensys Phone-to-Phone 3D Localization

我们通过实验验证，现在的手机可以同时采集两路语音；

(1). locaization: Cutting

   Linear programming

         Hamming Distance

         Binary space partition tree

      Half-plane Intersection 两个凸包交集

   难点: 分布式实现

(2). cross-line tracking   类似于 sequence_based tracking sensor beam Multiple Camera
overlapping

(3). 在BeepBeep基础上改进,节点标定

2 . Voronoi 类似于 APIT 点在凸包内

3. 在 Event-Driven Localization 框架下, Sequence + binary ？？

4. 基金申请书方向:

   水下定位

室内定位　融合？？？　wifi　magtenic Camera　Microphone