Andro's open source mobile application framework gives an outstanding opportunity to learn software engineering practices in action. This talk touches on key software engineering topics and shows how they mesh into practical Android software development. The talk will start with a short intro to Android and a quick native development/NDK workshop. We will then talk about some related issues in functional programming / map reduce and algorithms / obfuscation.

Boris Farber is a senior software developer specializing in the Android platform and applications. He works on some of the most innovative Android projects in Israel, focusing on security, performance, and advanced UI. He is the developer of the "Profiterole" Map-Reduce library for Android. He holds M.Sc. in Computer Science and an MBA in Marketing, both from IDC Herzliya.