

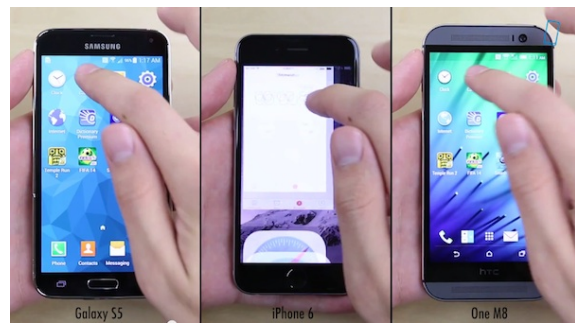


Prof. R. Wattenhofer

Mobile Smartphone Speed Test

There are multiple ways to measure the performance of a smartphone. One of them is to put two or more devices side by side and observe which phone can launch apps the fastest. This way might be fun to watch (for some) in a Youtube video, but it is not very scientific and cumbersome to do. In a previous project we have created a setup that automatically launches apps and uses a high-fps camera to measure the app launch times.

Unfortunately, this setup is stationary and not easy to build. We would like to create something that everyone can use. Now, what do people who test smartphones usually have in abundance? Smartphones, of course! In this thesis you will implement a system that allows people to benchmark the performance of smartphones using other smartphones. If this sounds interesting to you, do not hesitate to contact us. We would love to hear your ideas for this topic!



Requirements: Creativity and programming skills are an advantage. The student(s) should be able to work independently!

Interested? Please contact us for more details!

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