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MyShake: Global Earthquake Early Warning with a Smartphone Seismic Network

Seismology is a data-limited science. Yet there are 3.5 billion seismic sensors in personal smartphones. MyShake aims to harness these accelerometers to collect earthquake ground motions for seismic events around the world by offering earthquake early warning ahead of hazardous shaking. We will provide an update on progress to harness smartphones globally, the ability of MyShake to provide earthquake alerts, and the prospects for research using the MyShake global seismic network.