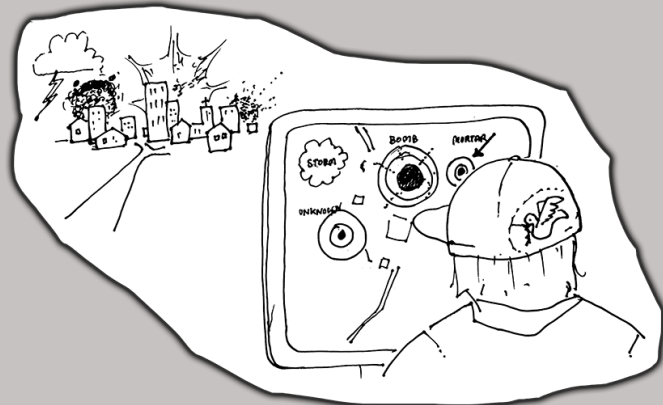


THE Port - Hackathon at CERN

The e3e Monitor: Explosions and Other Extreme Energy Event Real- Time Monitor



Summary:

Use of explosives especially in populated areas is the defining phenomenon of the last and current century. Still today, such events remain in the domain of eyewitness accounts or official statements. The e3e Monitor would permit with multi technology detector systems a real-time monitoring on an entirely objective basis of explosions and other extreme energy events.

Goals:

The final goal of the project is to improve the information situation for peacekeepers, humanitarian agencies, journalists, etc... and general population by making available the technological means on a public basis to monitor explosions and other extreme energy events in real time, objectively and with open-access. The objective of the hackathon is to design and build multi-sensor hardware prototypes hopefully including data transmission function.

Resources:

Sensors (air pressure, sound, vibration, etc...), Electronics platform, Knowledge of physical impact of explosions.

