**Core Focus for Hackathon Event**

***Primary objective:***

Designing mobile wearable computer for astronaut to use on space walk, that will “Expanding field of vision” = 視野を拡大する

**主な目標：**

宇宙遊泳に宇宙服に取り付ける携帯型PCをデザインする

***Secondary objectives:***

**追加の目標：**

* Information display  
  情報の表示
* Network communication  
  ネットワークコミュニケーション

New Research:

Wearable computer design standards:

-[Extravehicular Activity (EVA) Hardware Generic Design Requirements Document](http://emits.sso.esa.int/emits-doc/ESTEC/4659-ad14.pdf)

-[Space Flight Human-System Standard](http://www.nasa.gov/centers/johnson/slsd/about/divisions/hefd/standards/index.html)

-[Man-Systems Integration Standards](http://msis.jsc.nasa.gov/)

-[Preliminary Considerations for Wearable Computing in Support of Astronaut Extravehicular Activity](http://hd.media.mit.edu/tech-reports/TR-551.pdf)

\*\*\*\*[Actual wearable computer system prototype that people build](http://monet.cs.columbia.edu/courses/mobwear/resources/carr-iswc02.pdf)\*\*\*\*\*