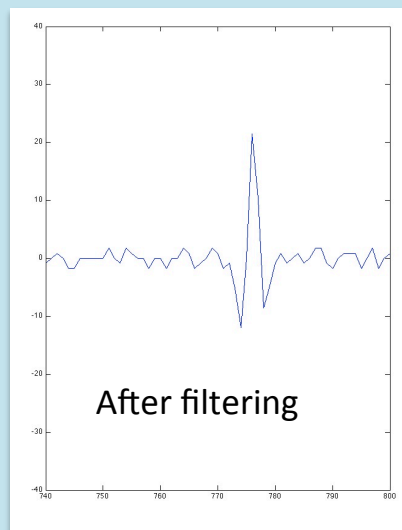
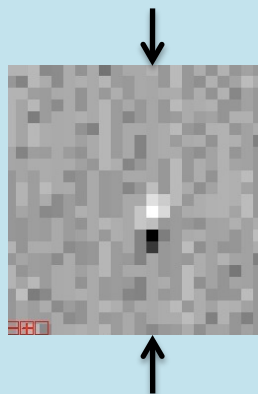
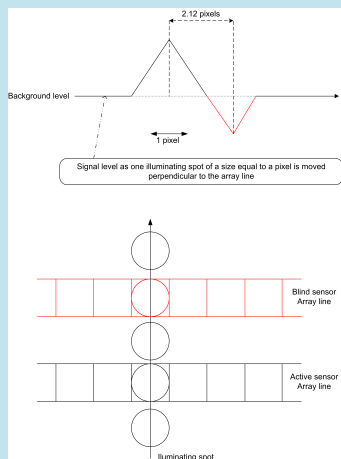


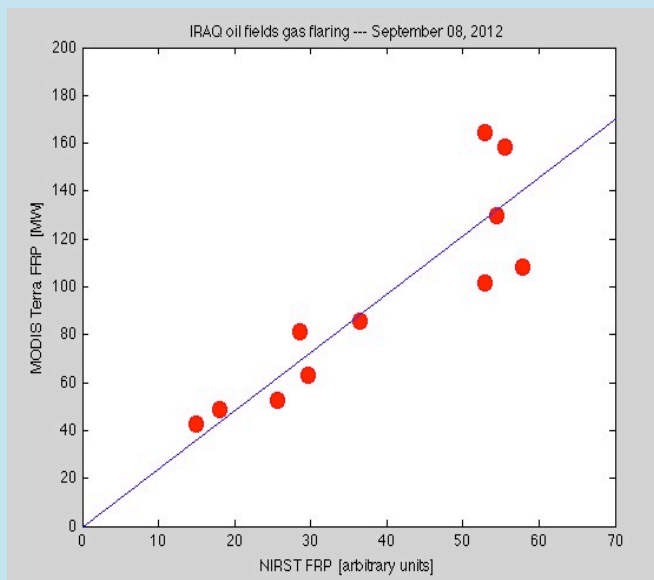


NIRST: 4 μm fire detection

Hugo G. Marraco and Marisa M. Kalemkarian



NIRST
(New InfraRed Sensor Technology)
on board SAC-D/Aquarius satellite
CONAE and NASA cooperation.



- ◆ In spite (or perhaps thanks to) the blind pixel failure the 4 μm camera detects HTEs.
- ◆ The detections are confirmed with other satellite IR sensors.
- ◆ FRP comparison with MODIS over Iraq oil fields gas flaring shows a reasonable correlation that improves when the time lapses between satellites passes are smaller.

