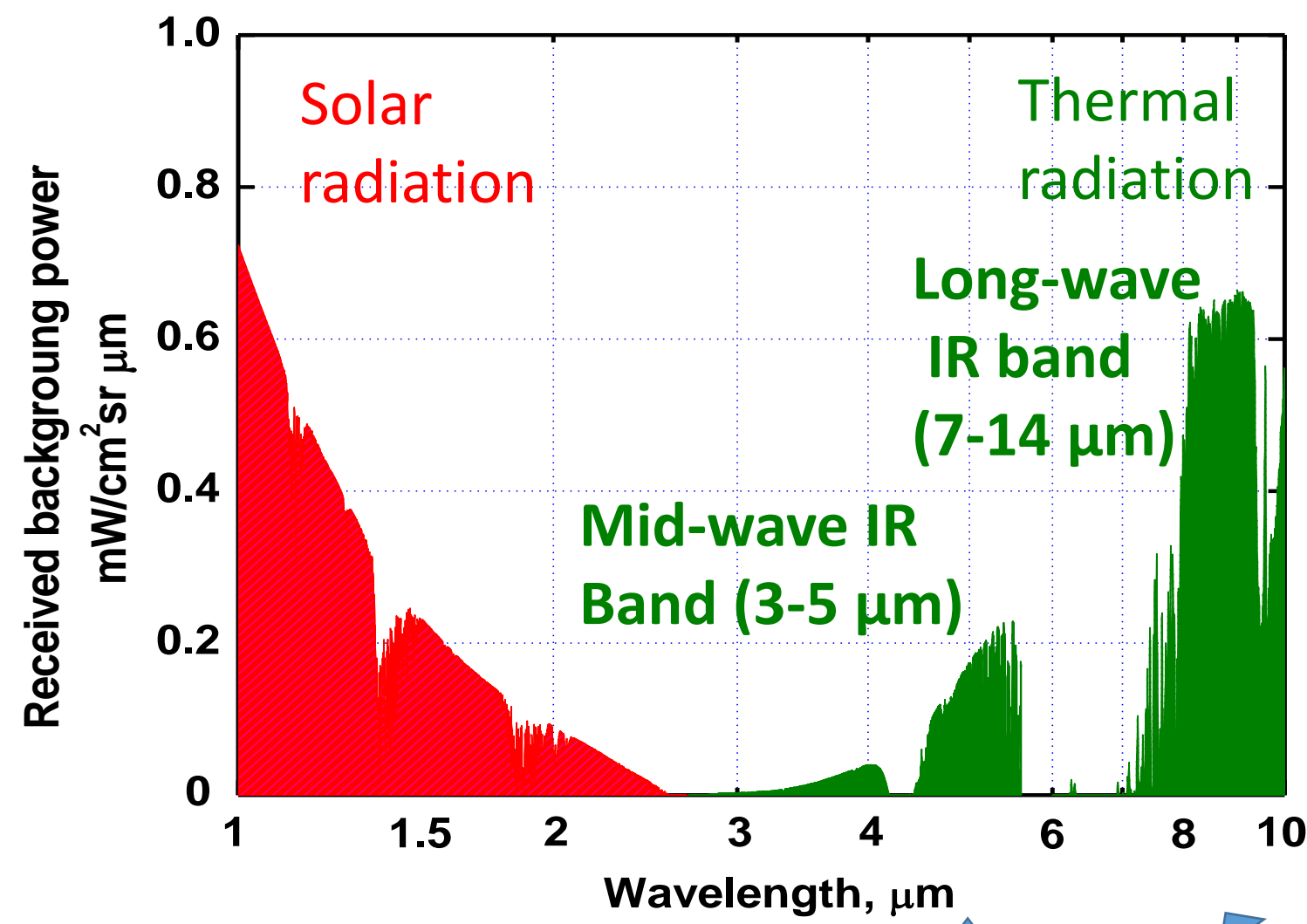


III-V semiconductor compounds for Mercury-free Midwave and Longwave Infrared detector technology

Sponsors and Collaborators
NSF, ARO, ARL, JPL (NASA), NVESD

Novel InAsSb alloys and short-period InAsSb_x/InAsSb_y superlattices for infrared detectors

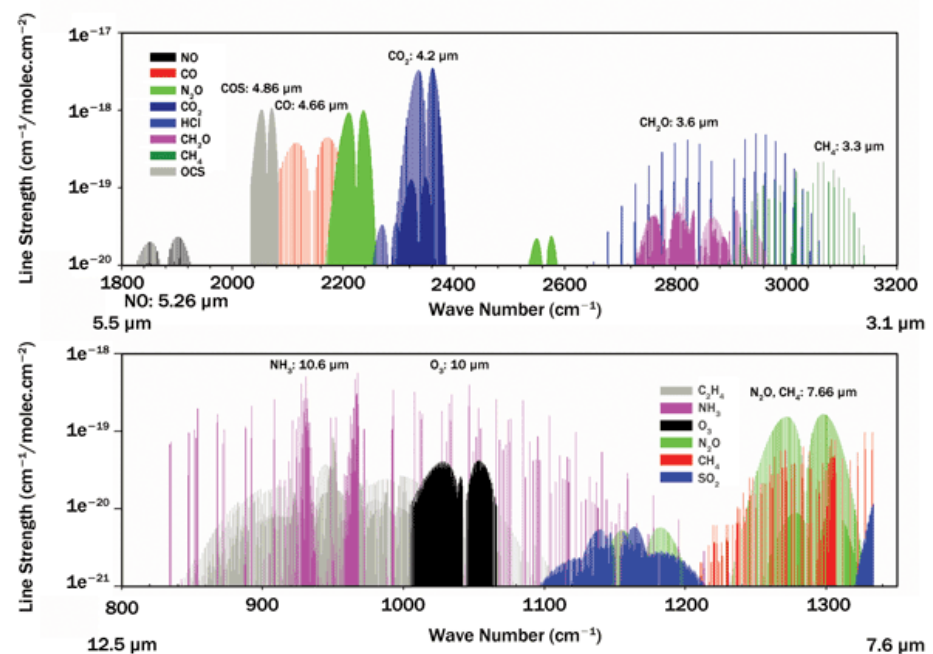
Background radiation and atmospheric absorption spectra



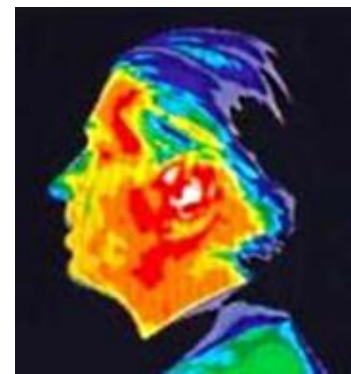
Free-Space Optical communications



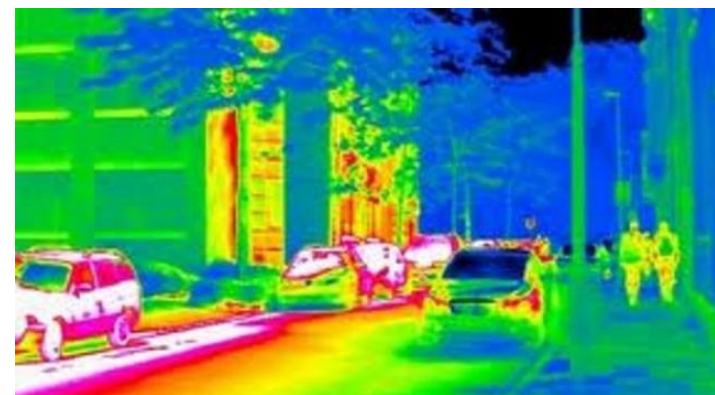
Chemical detection, Gas trace monitoring



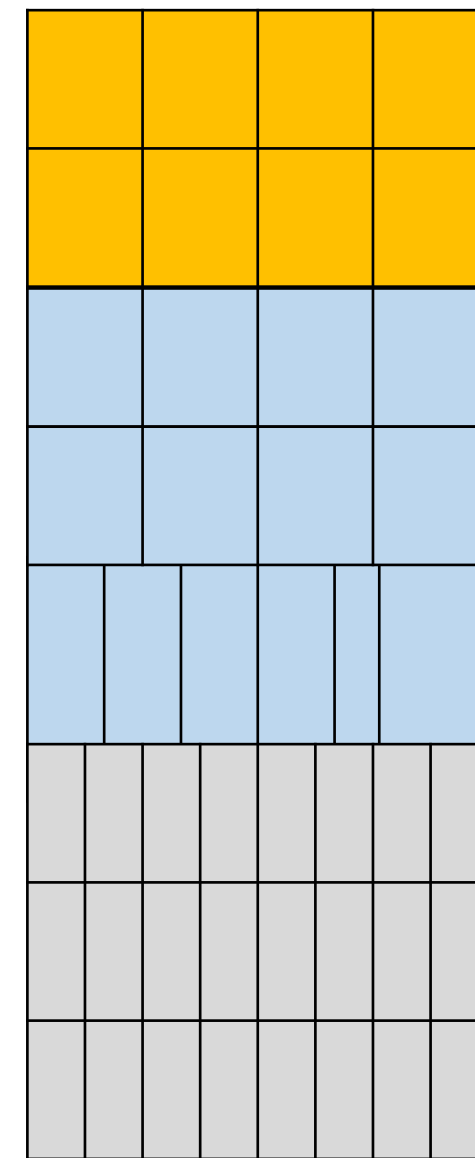
Medical imaging, remote thermometry



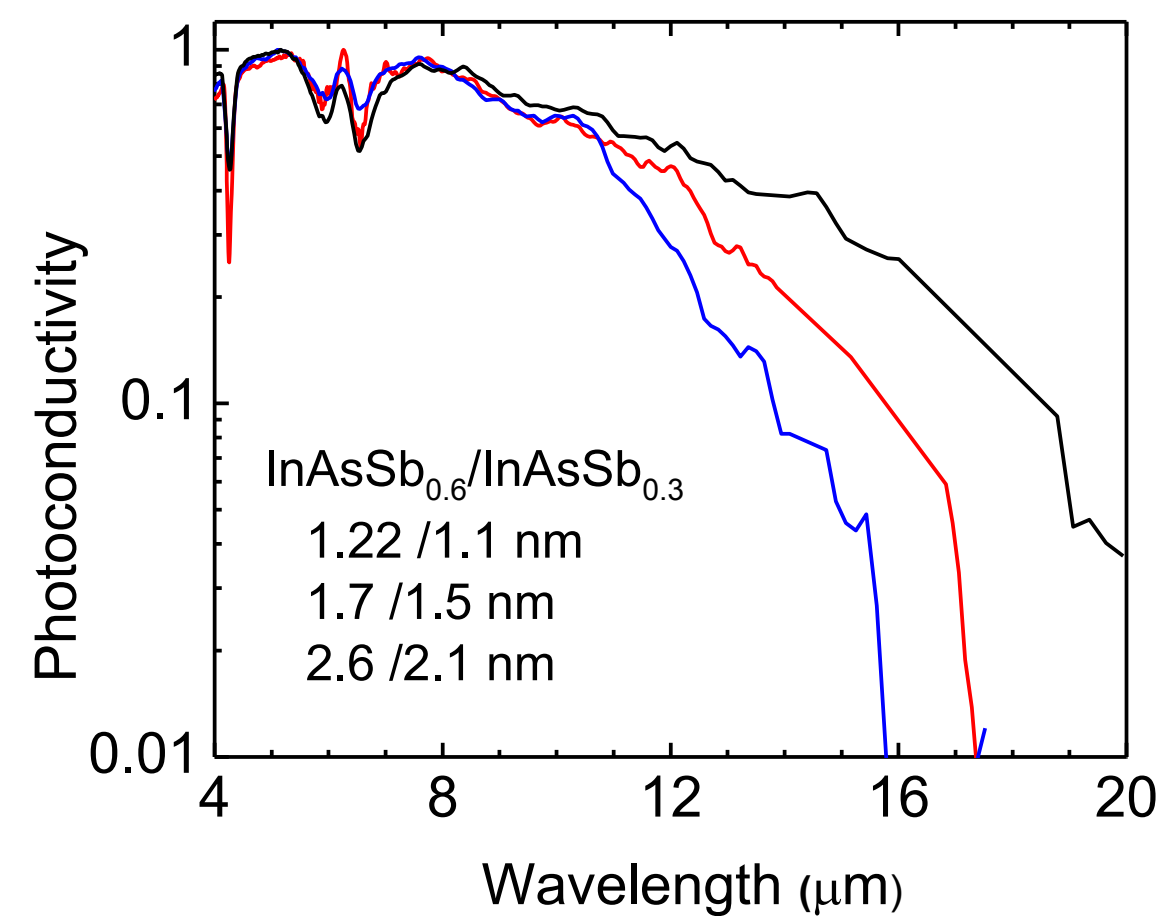
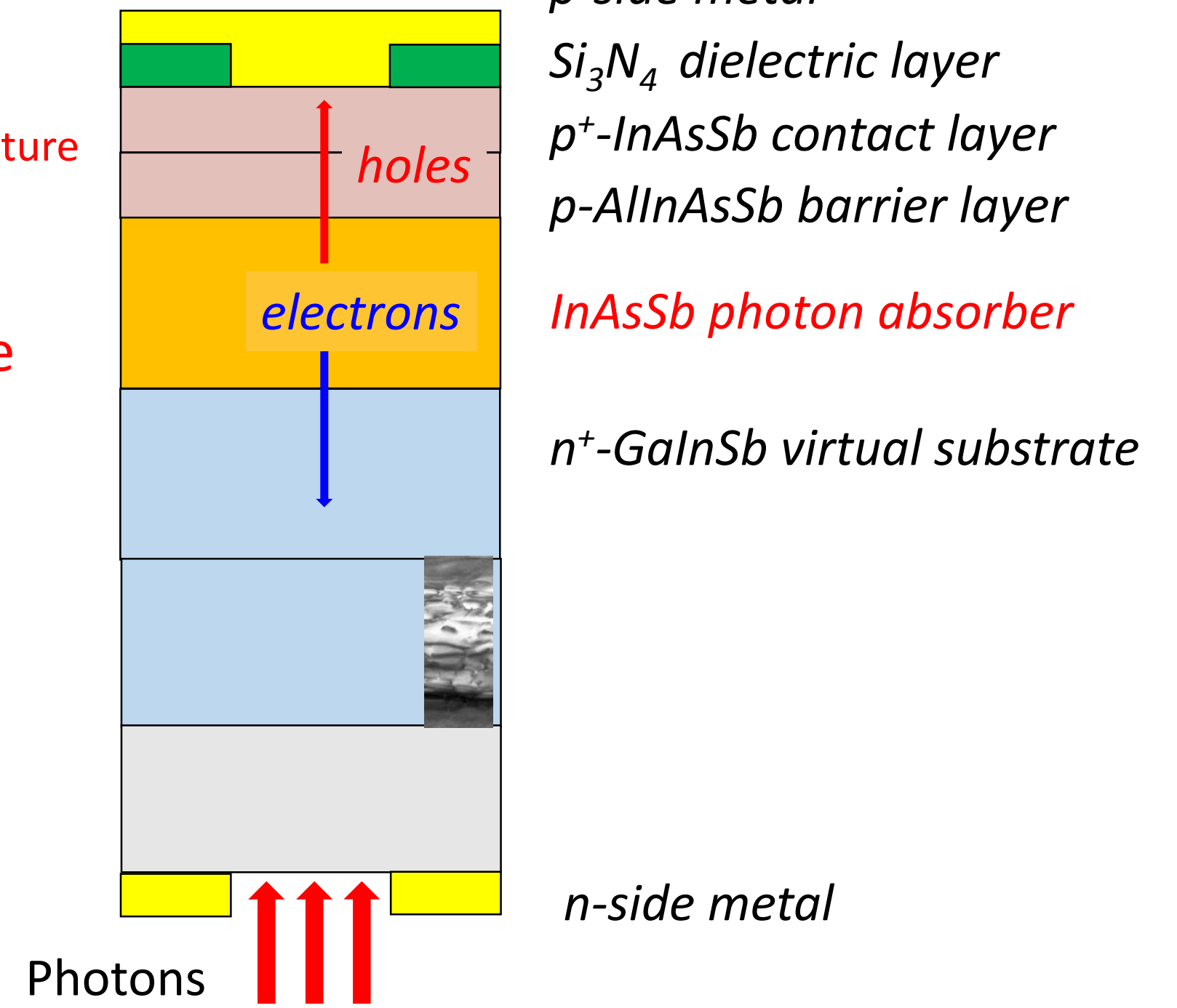
Night vision



a_{11}



Heterostructure cross-section



Photoconductivity spectra