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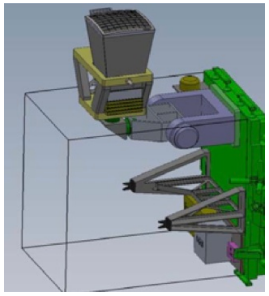
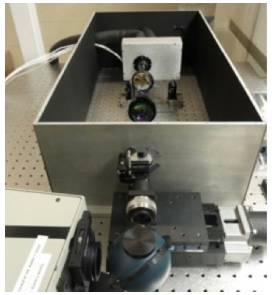
MIT Kavli Institute for Astrophysics and Space Research

Experience in instrument development for X-ray, optical/IR, radio observations, and GW detection



X-ray: ISS-Lobster participation (detector development) – timing? Possible Chandra HETGS GTO program. Continuation of Swift follow-up program. (Bautz, Chakrabarty, Katsavounidis, Marshall, Remillard)

Radio: Murchison Widefield Array – 600-degree FOV Broad interest by MWA collaboration led by David Kaplan. MIT: piggyback on Epoch of Reionization observations to survey for afterglows and bursts – guide examination of GW record? (Burke, Hewitt, Remillard, Levine, Vaulin)



Optical/IR: Exploration of low-noise InGaAs infrared detectors for possible follow-up program (Simcoe)