IPSII Interference Pattern Structured Illumination (maging -> Way to capture Emayes: > No (ens. > create multi-pixel image with single pixel detector sapplicable to any type of wark. Clypt - X-ray - Vadar - accusticulares - quantum wares -God to overcome limits of conventional maging: reduction Travelegeth of light & Size of optics (need either short distance from Object, or big lend)
to capture big angle coming from the light) Depth of field (range of things which one in Fires) by Res. - large range high Res. -> shortvange Field of view.

For high Res. need large numirical applace L: 2 sind Resolution Limit Slanses (Missier use Mult: pixel Letector.

* How TPSII Works:
"Structured illumination Traging." Rother than making image onto Multi-Pixel Letector, we control shape of Eight that's illuminating the object to gain into about the object Simply by measuring howlight scatters from that pathen "IDAR" - ux structure illumination. TPSII" - use Interference Pathern Structural Munitor * Adventige of IBII = No high "numerical apature" lengtminer needed.

No need for beig dose to object. Depth of field of view all waves (x-ray, electron, valor, far IR, acoustic)
Compressed sensing:

2x resolution
similar to MRI tech.

* lay-out of IPSIT: "Inerfrometer object "two beaus interferie" M_{1} M_{2} M_{3} M_{4} M_{4} Motorized missors of each beam the we control angel and position te Relative Phase than two laser bears)
Setermine Lark and bright stribes in interference pattern * futera work: Experimental loser offices Rador Vino biz Lish" Mechanical Jesign and testing Data processing wethous Image processing MRI parallel maging lechniques. AOM Computer motion Control Digital Holography Utra Sonic acoustic imagings High-Res Long-working-distance uncorresposs. Boosting majorg speed.