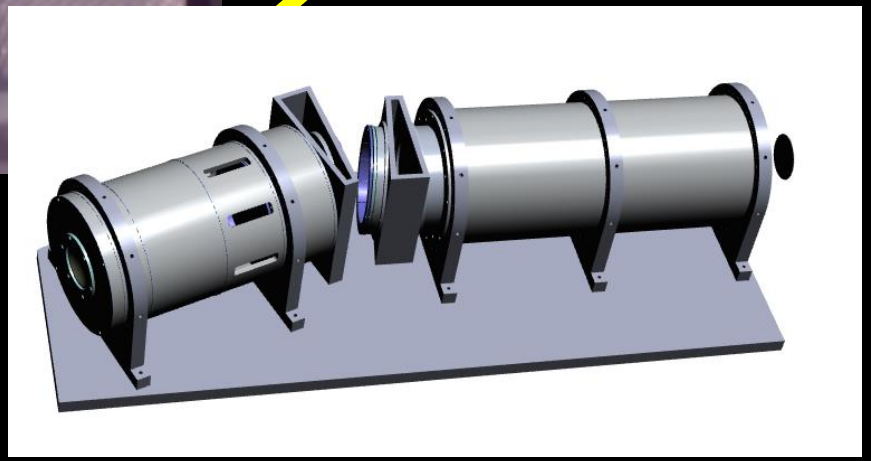
Development of DOTIFS @IUCAA, India

- Devasthal Optical Telescope Integral Field Spectrograph for Devasthal 3.6m telescope
- Multi-IFU (16 units)
- 3700 ~ 7400Å, R~1800 @5550Å
- Spatial Sampling: 0.8 arcsec
- 2304 spectra per single observation
- 8 Identical spectrographs
- Chung et al, *Proc. SPIE 9147*, (2014)



Chung, Haeun (SNU/KIAS)

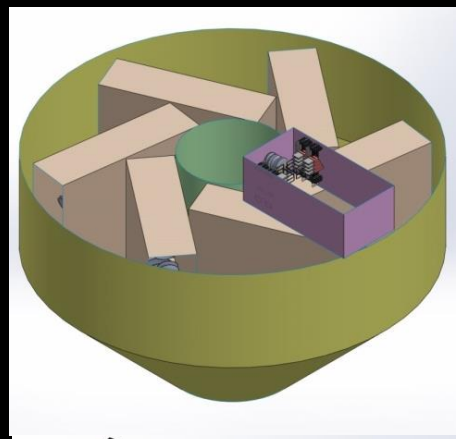
- IUCAA Instrumentation laboratory (Head: Prof. A. N. Ramaprakash)
- Part of KIAS interacting galaxy survey project
  (Prof. Changbom Park & Dr. Sungwook Hong)

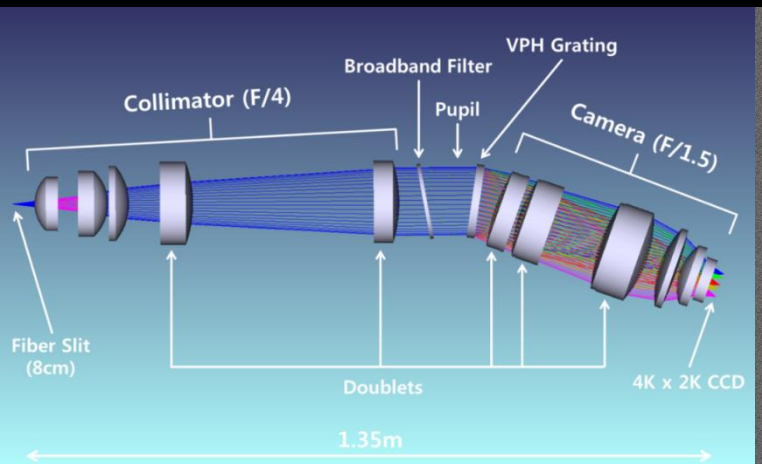
KIAS IUCAA

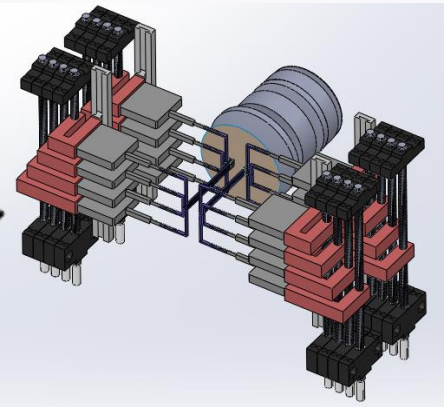
- Overall Instrument design
- Spectrograph optics design
- Magnifier optics design
- Data simulator (CCD image)
- Exposure Time Calculator
- Data reduction software

Status:

- Spectrograph parts are arriving.
(Microlens array, VPH grating, optics, CCD, filter...)
- We will begin assembly in 2016







Here I listed descriptions of several terms.

Q. Find the word,
which is a combination of first letter of those terms

1. This workshop **S**SGW
2. 400-700nm **O**ptical
3. The number of birthday which Haeun spent in India since 2012 **F**our
4. Photo **I**nteracting galaxies (Devasthal Optical Telescope Integral Field Spectrograph)
5. 68% of our universe **D**ark energy
6. Titles of the first and second talk in this workshop **T**BD

DOTIFS