Discussion Items (1)

- Killer science?

  -Galaxy anatomy at 0<z<3 in eg.CANDELS/ 3DHST (SF, AGN, Z, mergers, in/out-flows)

  -HeII, CIII], OIII] lines at z>7 (?)

  -Lyα blobs/haloes detection/kinematics

  -Clusters/Protoclusters

- IFU or MOS? (K-band availability)

  complex structure of high-z galaxies

  slit scan (slit loss, seeing variation…)

Discussion Items (2)

- K-band (>2μm)?

  Hα, [NII] limited to z<2, but [OIII], Hβ, [OII] to z~3

- Spatial sampling / FoV / Multiplicity / R / λ range

  0.2”/spaxel, 1.8” FoV, ~16-50 IFUs, R~3000 (100km/s),

  JH simultaneous coverage, optical (RI band for z<1)?

- Uniqueness

  Wide-field multi-IFU with AO (KMOS+GLAO)

  Best reuse of existing NIR instruments (MOIRCS)

Discussion Items (3)

- Phase-0.5?

  Multi-IFU with MOIRCS w/o GLAO

  (starbug/fibre/corrector/metrology camera)

  $2-3M??? (Kakenhi)

  Cassegrain modification (NAOJ budget?)

  Decommissioning (FOCAS?), ADC, AGSH?

  Feed to FMOS ($0.9<\lambda<1.7\mu m$), PFS ($0.35<\lambda<1.3\mu m$)

- Combined legacy survey (CANDELS)?

  band? depth?

Is ULTIMATE-S really ULTIMATE?

- Do we really want ULTIMATE-Subaru while TMT is coming along?
  - TMT-AGE/IRMOS will beat us severely?
  - What is the future of Subaru-IR?
  - Excellent synergy with ALMA/JVLA (resolution, SFR depth…)?
  - Expansion of Keck/Gemini/VLT time exchange programmes?