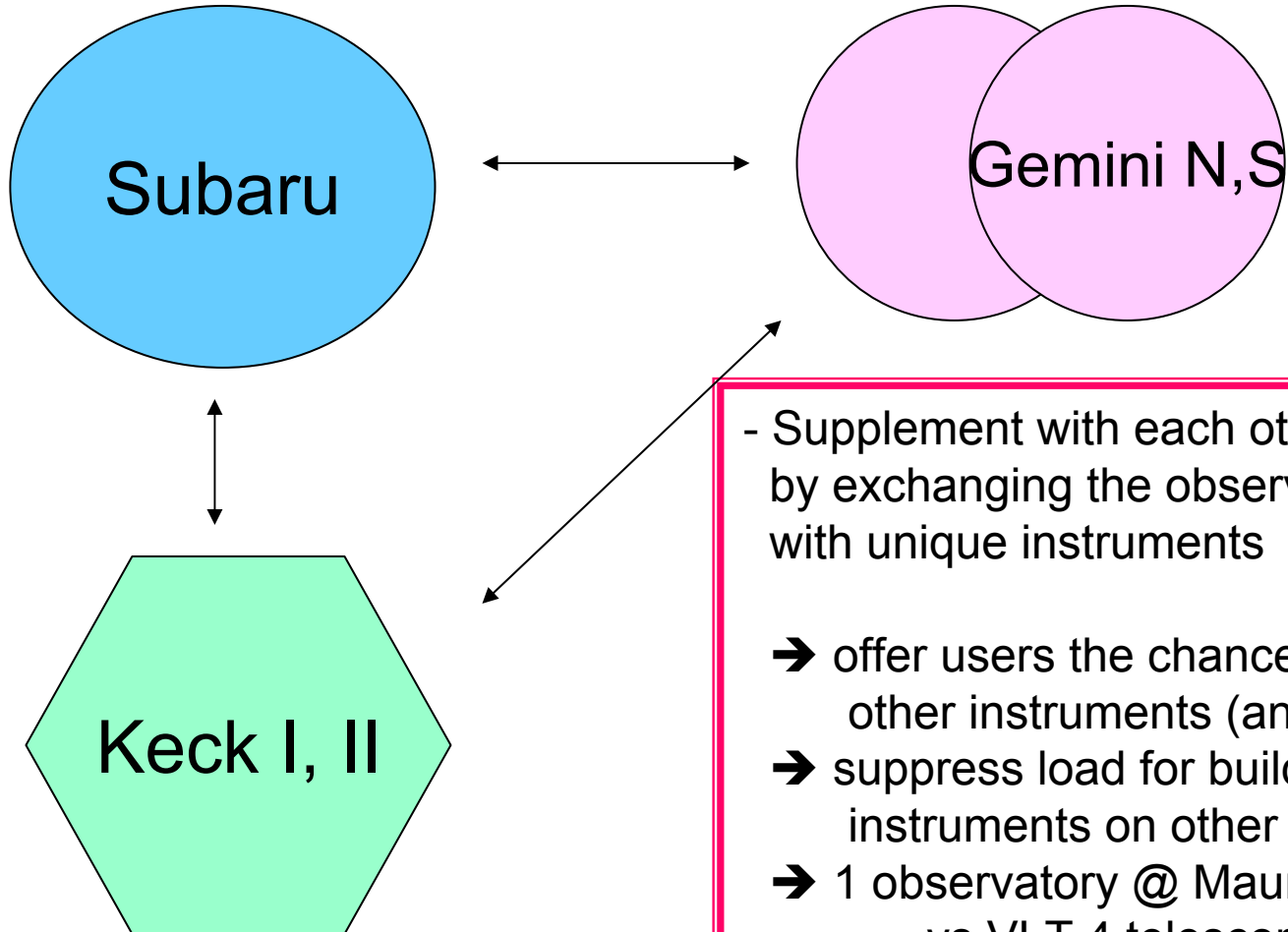


Time Exchange Program between Subaru and other 8-10m class Telescopes

T.Yamada (Subaru Telescope)
For Users' Meeting 2007/01/30-31

Time Exchange Program



- Supplement with each other by exchanging the observing time with unique instruments

- ➔ offer users the chance to use other instruments (and southern sky)
- ➔ suppress load for building the similar instruments on other telescopes
- ➔ 1 observatory @ Mauna Kea vs VLT 4 telescopes !

Time Exchange Program Gemini

S06B ~ Queue for Gemini, Service for Subaru

	S06B	S07A	S07B
Nights/time	40 hours	45 hours (OU 27h, DDT 18h)	50 hours
Instruments	Suprime, MOIRCS GMOS(N,S), NIFS	Suprime, MOIRCS GMOS(N,S), NIFS	Suprime, MOIRCS GMOS(N,S), NIFS
Application	Subaru Form But Needs Phase I & II In Gemini Form	Subaru Form But Needs Phase I & II In Gemini Form	Subaru Form But Needs Phase I & II In Gemini Form
Requested	S=>G 6p (120h) G=>S 8p (79.2h)	S=>G 1p (27h)+DDT G=>S 23p (305h)	?
Achievements	S=>G 2p (63% *) G=>S 6p (78%)	?	?

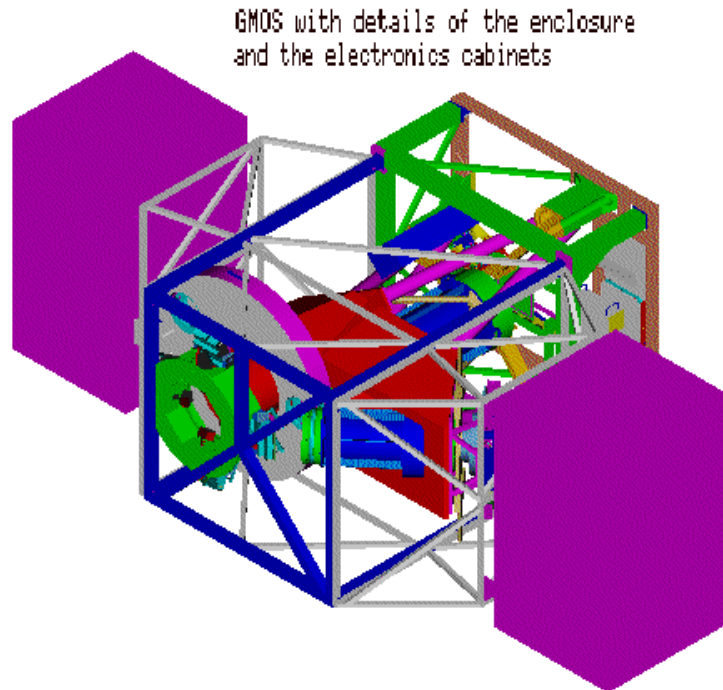
* 1/23, on the Gemini web

Time Exchange Program Gemini

GMOS

Similar to FOCAS but

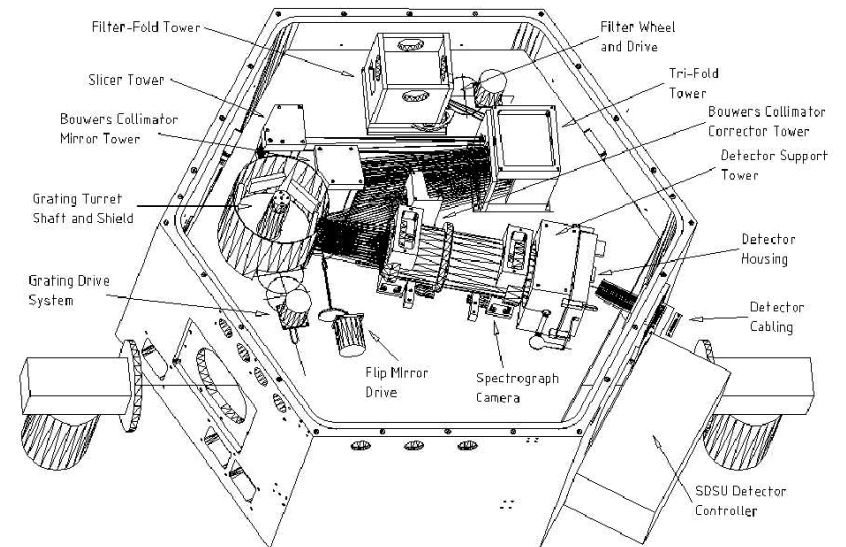
- GMOS South
- nod & shuffle



NIFS

AO IFU Spectrograph

- no counterpart for Subaru



Time Exchange Program Keck

S05AB (trial) → Matsuda et al. 2006

S07B~ both Classical !

	S07B
Nights/time	5 nights (TBF)
Instruments	Suprime, MOIRCS DEIMOS, Any Other Requests? (TBF)
Application	Subaru Form (TBA)
Proposals	?
Achievements	?

OSIRIS-NGS, LRIS,
NIRSPEC, ESI, HIRES.

LGS AO is not opened,
as the number of the nights
with LGS is very limited.

すばる委員会の議論を経て、S07B より、Keck との時間交換も
試験的に始めることになった。

Time Exchange Program

Report and Discussions

- ★ We start Time Exchange also with Keck from S07B
- ★ Do we expand Time Exchange or not ?
- ★ Time Exchange affects out instrument development and de-comission plan.