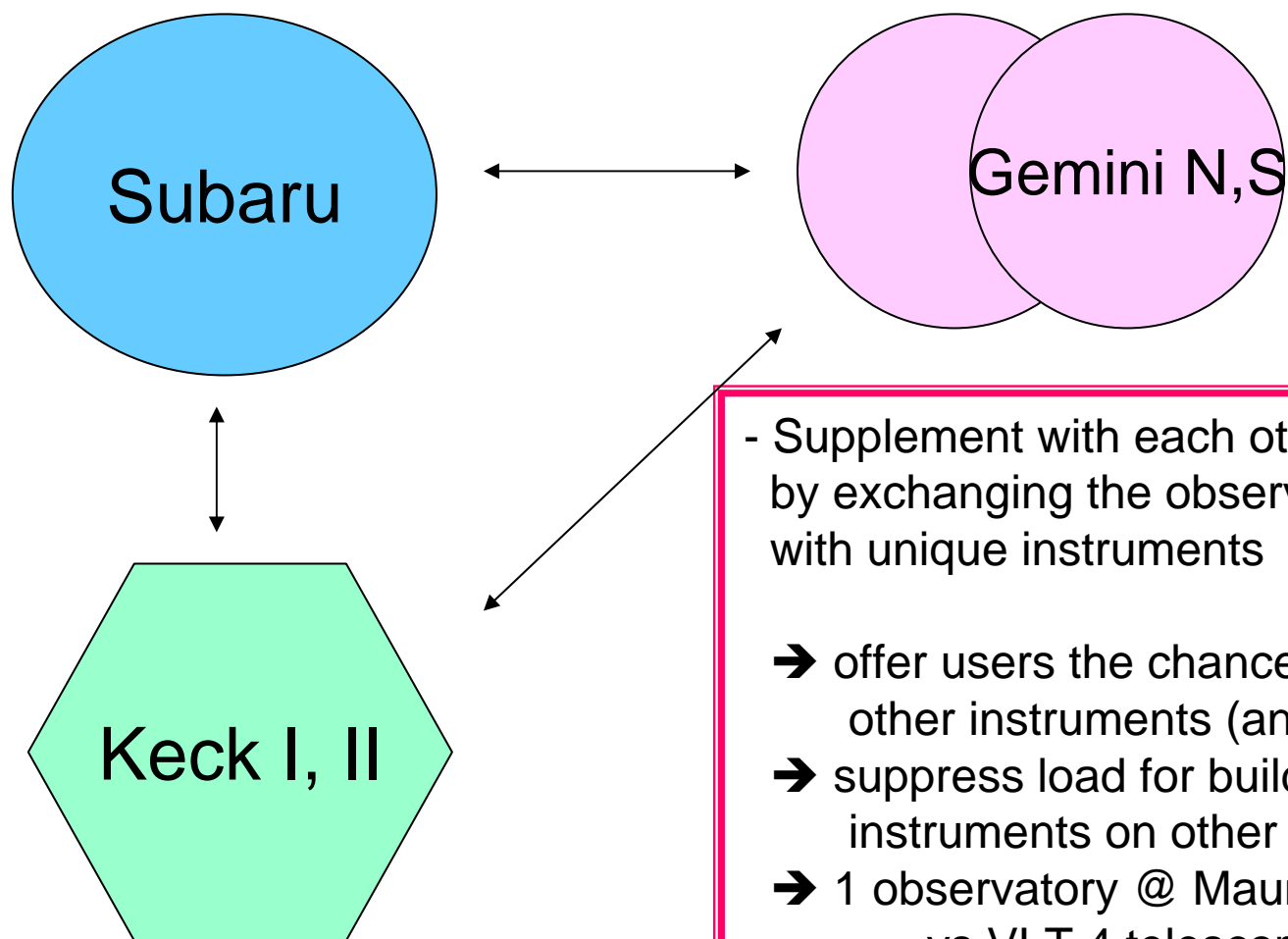


# Time Exchange Program between Subaru and other 8-10m class Telescopes

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

# Time Exchange Program

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- 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

	<b>S06B</b>	<b>S07A</b>	<b>S07B</b>
<b>Nights/time</b>	40 hours	45 hours (OU 27h, DDT 18h)	50 hours
<b>Instruments</b>	Suprime, MOIRCS GMOS(N,S), NIFS	Suprime, MOIRCS GMOS(N,S), NIFS	Suprime, MOIRCS GMOS(N,S), NIFS
<b>Application</b>	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
<b>Requested</b>	S=>G 6p (120h) G=>S 8p (79.2h)	S=>G 1p (27h)+DDT G=>S 23p (305h)	?
<b>Achievements</b>	S=>G 2p (63% *) G=>S 6p (78%)	?	?

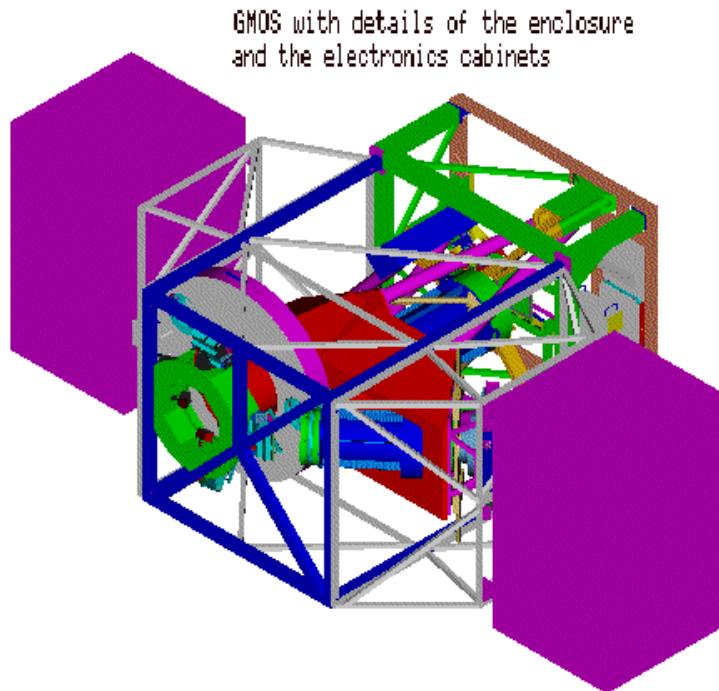
\* 1/23, on the Gemini web

# Time Exchange Program Gemini

## GMOS

Similar to FOCAS but

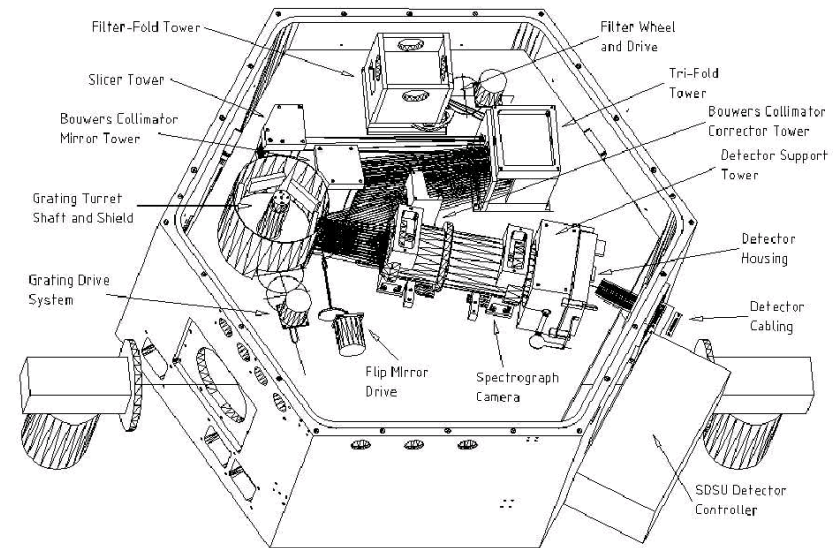
- GMOS South
- nod & shuffle



## NIFS

AO IFU Spectrograph

- no counterpart for Subaru



# Time Exchange Program Keck

S05AB (trial) → Matsuda et al. 2006  
S07B~ both Classical !

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

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

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## 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.