FMOS Science Proposal

1. Title of Proposal

Put Your Title Here

2. Category

Miscellaneous

3. Principal Investigator

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4. Co-Investigators

Name	Institute	Name	Institute
K.Ohta	Kyoto University	K.Ohta	Kyoto University
N.Tamura	Durham University	N.Tamura	Durham University
K.Ohta	Kyoto University		
N.Tamura	Durham University		

5. Observing Run

Instrument	# Nights	Moon	Preferred Dates	Mode	Central λ
FMOS	10	Gray	Dec/Jan	High	1600
FMOS	10	Bright	Mar/Jan	High	1200
FMOS	10	Dark	Mar/Jan	Low	1300

6. List of Fields

Target Name	RA	Dec	Equinox	Magnitude	Number	SN	Exp (min)
SXDS Field	02 00	+05 00	J2000.0	$J = 20.0$	1000	10	60
SXDS Field	02 00	+05 00	J2000.0	$H = 20.0$	1000	10	60
SXDS Field	02 00	+05 00	J2000.0	$J = 20.0$	1000	10	60
SXDS Field	02 00	+05 00	J2000.0	$H = 20.0$	1000	10	60
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SXDS Field	02 00	+05 00	J2000.0	$H = 20.0$	1000	10	60
SXDS Field	02 00	+05 00	J2000.0	$J = 20.0$	1000	10	60

7. Technical Justification and Instrumental Requirements

Describe "justification of the above exposure time", "justification of the required resolution", "estimate of total required time", and "justification of the required number of nights". If you observe one field several times to cover >400 objects in the field, please describe here in detail. If you prefer a special sky subtraction method, please describe here. If you have a special request for instrument, please describe here (like, I want to observe many bright stellar objects, thus I do not need accurate positioning of fibre but need quick configuration, etc.).

8. Scheduling Requirements

If you have any special scheduling coordination, please describe here (like, my observation have to be finished before a certain observing run at another facility, etc.).

9. Scientific Background and Objective

Describe background and objective of your science project. Describe overall goal of your science project.

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2. You can use listing environment like this.

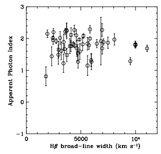

Figure 1: You can insert your EPS figure like this.

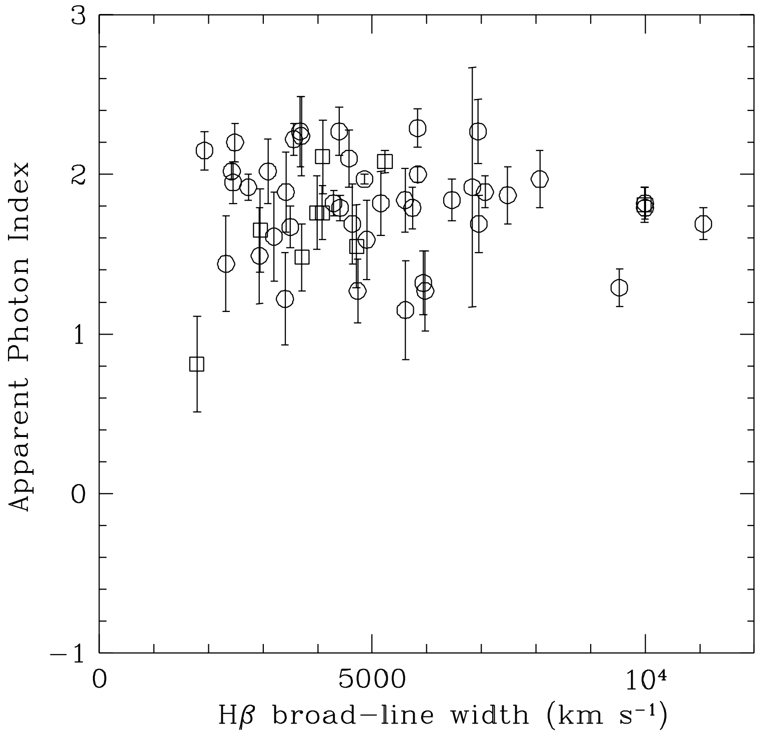

Figure 2: You can insert your EPS figure like this.

10. Overall Strategy and Required Preparation for FMOS Observation

Describe overall observation plan (like Suprime-Cam imaging observation in semester ???, follow-up observation in the other wavelength in semester ???). Justify your sample size (like, why do you need 10,000 AGNs/QSOs to meet your scientific obective ?). Describe what can be revealed with the FMOS observation in detail(also, what can not be revealed only with the FMOS). Describe any observation for calibration with other instrument (like, calibration with IRCS/Subaru is required for stellar metalicity determination with medium resolution spectroscopy in the near-infrared band). Describe how time critical your observation is.