

Course code	20DASa1103		
Course title	Optical/Infrared Astronomy Seminar II		
Term	通年(前期開始) Whole Year		
Credit(s)	2		
The main day			
The main period			
School/Program	School of Physical Sciences		
Department/Program	Department of Astronomical Science		
Category	Infrared Astronomy		
Lecturers	Junichi Watanabe		
Instructor			
<table border="1"> <tr> <td><b>Full name</b></td> </tr> <tr> <td>WATANABE JUNICHI</td> </tr> </table>		<b>Full name</b>	WATANABE JUNICHI
<b>Full name</b>			
WATANABE JUNICHI			
<b>Outline</b>			
<p>The purpose of this seminar is to obtain the basic knowledge on the planetary sciences, by reading textbooks, and to understand the current state of the latest studies through introducing related papers together with introducing his/her study. The seminar is set for 3rd, 4th, and 5th year of the graduate students, basically in the thesis report meeting performed every week, as the Optical &amp; Infrared Astronomy field and authorized as one of specialty subject (practice).</p>			
<b>Goal</b>			
<p>The target of this seminar is that a graduate student hopefully becomes able to argue scientifically with participants, to pick up and understand the scientific papers by his/her choice, to introduce the latest research trend of the solar system and planetary sciences, and finally to recognize and indicate his/her position within the wide view in the research field. He/she obtains ability to introduce his/her research to researchers of different field, and to discuss with them.</p>			
<b>Grading system</b>			
<table border="1"> <tr> <td>02:Two-grade evaluation (P: Pass, F: Fail)</td> </tr> </table>		02:Two-grade evaluation (P: Pass, F: Fail)	
02:Two-grade evaluation (P: Pass, F: Fail)			
<b>Grading policy</b>			
<p>The charge is that a graduate student should introduce latest papers or reviews, or textbook reading at least once every two months in this seminar. He/she should generally attend this seminar more than 60 percent, participate in scientific inquiry,</p>			

submit a progress report about his/her study or related preceding researches. Evaluation will be done for the above items as standard of the pass criteria. Results are judged by a P (pass) or F (disqualification).

**Lecture Plan**

This seminar is held for an hour or 2 hours once every week basically from April through July, and from September through March of next year. In the fiscal year 2021, it will be held from 10:00am through 12:00am on every Tuesday, composed of paper reading, small lectures, textbook reading, and report on the status of his/her studies, etc. alternately. If necessary, after the seminar we will set up time for mentoring participating graduate students after the seminar.

**Location**

This seminar will be held at the meeting room in the south building 2nd floor of National Astronomical Observatory of Japan (Mitaka Campus)

**Language**

We use Japanese basically, but often use English when there is any participant who doesn't understand Japanese. Several times a year will be in English.

**Textbooks and references**

A reference book: Nihon Hyoronsha Present-day astronomy No. 9 "the solar system and planets"