

Course code	20DASa1001		
Course title	Optical/Infrared Astronomy Seminar I		
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	Optical and Infrared Astronomy		
Lecturers	Masatoshi Imanishi		
Instructor			
<table border="1"> <tr> <td><b>Full name</b></td> </tr> <tr> <td>IMANISHI MASATOSHI</td> </tr> </table>		<b>Full name</b>	IMANISHI MASATOSHI
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IMANISHI MASATOSHI			
<b>Outline</b>			
<p>It is important for graduate students not only to take various classes to increase their knowledge in general astronomy and physics, but also to understand basic issues and the latest progress in related research fields, by reading new papers, review articles, and textbooks with other staffs, post docs and graduate students. In this way, you can recognize the uniqueness and competitiveness of your own works.</p> <p>In this seminar (named EEE), it is requested for the first and second year students to (1) attend and listen to other people's presentations which summarize the contents of new interesting papers in the research fields of galaxies, cosmology and active galactic nuclei (AGNs), and (2) give presentations by yourself once every several times. If these tasks are done, we will regard that you have completed the course of this special subject (galaxies, cosmology, and AGNs) and give a credit.</p>			
<b>Goal</b>			
<p>It is requested to (1) check and read new interesting papers, review articles, and textbooks in related research fields, summarize the contents, give your own comments, and make scientific discussion with other attendees to this seminar. The goals are to (1) identify what is unknown and what kind of researches are needed to resolve the unknown issues in the fields of galaxies, cosmology, and AGNs, (2) recognize and demonstrate the uniqueness and competitiveness of your own researches in the world, and (3) acquire fundamental ability to make researchers in other fields understand your own works.</p>			
<b>Grading system</b>			

**Grading policy**

You must (1) give presentations at least twice per year, by summarizing the contents of selected papers, (2) attend more than 60% of the seminars, and (3) be involved in scientific discussion. Grade will be given as P (pass) or F (failure).

**Lecture Plan**

This seminar will be held weekly, for 60-90 min long, from April to July and from September to March.

**Location**

NAOJ, Subaru building, 2F seminar room

**Language**

Japanese (English if necessary)

**Textbooks and references**

Please refer to the following webpage.  
arXiv (<https://arxiv.org/archive/astro-ph/Astrophysics>)

**Related URL**

<https://arxiv.org/archive/astro-ph/Astrophysics>

**Explanatory note on above URL**

Astrophysical preprint server

**Others**

Galaxies, cosmology, active galactic nuclei (AGNs)

**Keyword**

Galaxies, cosmology, active galactic nuclei (AGNs)