

**International Summer School on
APPLICATIONS WITH THE NEWEST MULTI-SPECTRAL
ENVIRONMENTAL SATELLITES
3 -13 June 2007**

Su pm	<i>Welcome</i>	Discussion of Agenda (All)
	<i>Ice breaker</i>	
Mo am	<i>Lecture 1</i>	Planck Function, Radiation (Menzel)
	<i>Homework</i>	
Mo pm	<i>Lab 1</i>	Lab on Planck Function (Gumley)
Tu am	<i>Lecture 2</i>	Radiative Transfer in the Earth Atmosphere (Menzel)
Tu pm	<i>Lab 2</i>	Intro to Hydra (Antonelli)
We am	<i>Lecture 3</i>	Spectral signatures from Earth's surface & atmosphere (Menzel)
	<i>Quiz 1</i>	
We pm	<i>Lab 3</i>	Interrogating MODIS Data (Strabala)
Th am	<i>Lecture 4</i>	Dealing with imperfect data (Gumley)
		Signal gathering with a remote sensing instrument
Th pm	<i>Lab 4</i>	Signal Processing Lab (Gumley)
Fr am	<i>Lecture 5</i>	Investigations with MODIS and SEVIRI (Prieto, Antonelli)
	<i>Quiz 2</i>	
Fr pm	<i>Lab 5</i>	MODIS and SEVIRI looking at clouds (Strabala)
Sa	<i>Free day</i>	
Su am	<i>Lecture 6</i>	Geostationary Perspective (Puca)
Su pm	<i>Lab catch up</i>	Finish Lab
Mo am	<i>Lecture 7</i>	Hyperspectral resolution (Antonelli)
Mo pm	<i>Lab 6</i>	Exploring AIRS/IASI data (Antonelli)
Tu am	<i>Lecture 8</i>	AIRS remote sensing properties (Menzel)
	<i>Homework Review</i>	
Tu pm	<i>Lab 7</i>	Continuing AIRS/IASI Lab (Antonelli)
We am*	<i>Lecture 9</i>	Summary (Menzel)
	<i>Quiz 3</i>	
We pm*	<i>Lab 8</i>	Student Presentations of SEVIRI, MODIS, IASI, AIRS Investigations (All)
	<i>Concluding Ceremony</i>	

AM sessions: 10:00 am – 12:30 pm

PM sessions: 2:30 pm – 5:00 pm

* start one hour earlier