



# Table of contents

Monday 08 February 2016 .....	1
Tuesday 09 February 2016 .....	2
Wednesday 10 February 2016 .....	3
Thursday 11 February 2016 .....	4
Friday 12 February 2016 .....	5

# Preparatory School to the Winter College on Optics: Optical Frequency Combs | (smr 2810)

## Monday 08 February 2016

**- Adriatico Guest House - Giambiagi Lecture Hall (08:30-17:00)**

time	title	presenter
08:30	Registration formalities	
09:30	Introduction to Electromagnetic Theory I	IMRANA ASHRAF
10:30	Coffee break	
11:00	Introduction to Fourier Theory I	MIGUEL ALONSO GONZALEZ
12:30	Lunch break	
13:30	Introduction to Fourier Theory II	MIGUEL ALONSO GONZALEZ
15:00	Coffee break	
15:30	Fourier optics Lab Introduction	CONSORTINI, Anna
16:00	Fourier optics Lab Session I	CONSORTINI, Anna
16:00	Laboratory Session I on Spectroscopy	HUMBERTO CABRERA MORALES

# Tuesday 09 February 2016

## - Adriatico Guest House - Giambiagi Lecture Hall (09:00-17:30)

time	title	presenter
09:00	Introduction to Electromagnetic Theory II	IMRANA ASHRAF
10:30	Coffee break	
11:00	Signal Analysis: Wiener-Khinchin, noise, SNR, averaging	MIGUEL ALONSO GONZALEZ
12:30	Lunch break	
14:00	Introduction to Quantum Mechanics I	IMRANA ASHRAF
15:30	Coffee break	
16:00	Laboratory Session II on Spectroscopy	HUMBERTO CABRERA MORALES
16:00	Fourier optics Lab Session II	CONSORTINI, Anna

## Wednesday 10 February 2016

### - Adriatico Guest House - Giambiagi Lecture Hall (09:00-17:30)

time	title	presenter
09:00	Introduction to Quantum Mechanics II	IMRANA ASHRAF
10:30	Coffee break	
11:00	Pulse propagation in materials and waveguides I	MIGUEL ALONSO GONZALEZ
12:30	Lunch break	
14:00	Pulse propagation in materials and waveguides II	MIGUEL ALONSO GONZALEZ
15:30	Coffee break	
16:00	Energy levels of molecules I	HUMBERTO CABRERA MORALES

# Thursday 11 February 2016

## - Adriatico Guest House - Giambiagi Lecture Hall (09:00-16:00)

time	title	presenter
09:00	Energy levels of molecules II	HUMBERTO CABRERA MORALES
10:30	Coffee break	
11:00	Introduction to Nonlinear Optics I	MIGUEL ALONSO GONZALEZ
12:30	Lunch break	
14:00	Laboratory Session III on Spectroscopy	HUMBERTO CABRERA MORALES

## Friday 12 February 2016

### - Adriatico Guest House - Giambiagi Lecture Hall (10:00-15:30)

time	title	presenter
10:00	Introduction to Nonlinear optics II	MIGUEL ALONSO GONZALEZ
12:00	Lunch break	
13:30	Mathematica Simulation Workshop	MIGUEL ALONSO GONZALEZ