ICTP SAIFR | International Centre for Theoretical Physics
South American Institute for Fundamental Research

School on Interaction of Light with Cold Atoms (Jan. 30 – Feb. 10, 2017)

	1st week				
	30/01/2017	31/01/2017	01/02/2017	02/02/2017	03/02/2017
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 – 10:30	Registration and Opening (30')	CW-1	CW-3	JW-2	LD-3
10:30 - 11:00	COFFEE BREAK				
11:00 – 12:30	JMR-1	JMR-3	JMR-4	ADH	LD-4 (ex)
12:30 – 14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 – 15:30	JW-1	CW-2	LD-1	LD-2	JW-3
15:30 - 16:00	COFFEE BREAK				
16:00 – 17:30	JMR-2	Posters I	CW-4 (ex)	JMR-5 (ex)	JW-4
17:30 - 19:00	Exercise session			JMR: APS	Exercise session

	2nd week				
	06/02/2017	07/02/2017	08/02/2017	09/02/2017	10/02/2017
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 – 10:30	JPS-1	JPS-2	VB	TM	PC
10:30 - 11:00	COFFEE BREAK				
11:00 – 12:30	CZ-1	AVG	JPS-3	CZ-3	EH
12:30 – 14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 – 15:30	JW-5	CZ-2	JWT	RLK	
15:30 – 16:00	COFFEE BREAK				Closing (30')
16:00 – 17:30	Discussions	JW-5 (ex)	Student presentations	Posters II	
17:30 - 19:00	Exercise session				

Long courses

JMR – Photons and Atoms (Jean-Michel Raimond) – 4 lectures + 1 exercise section

JW – Quantum Gases (Jook Walraven) – 4 lectures + 1 exercise section

CW – Optical lattices (Christof Weitenberg) – 3 lectures+ 1 exercise section

LD – Q. Information with Photons (Luiz Davidovitch) – 3 lectures + 1 ex. section

JPS – Cold Rydberg systems (James P. Shaffer) – 3 lectures

CZ – Cold molecules and Efimov physics (Claus Zimmermann) – 3 lectures

(ex) - exercises section

Short courses

JMR:APS - Edition and reviewing process at the APS (Jean-Michel Raimond)

PC – Atom-cavity interactions in the service of inertial sensing (Philippe Courteille)

RK – Coherence and Diffusion in Light-Matter Interaction (Robin Kaiser)

ADH – Quantum Tomography (Aldo Delgado Hidalgo)

VB – Quantum Turbulence (Vanderlei Bagnato)

EH – Ultracold Dipolar Gases (Emanuel Henn)

AVG – Experimental quantum optics: a testbed for quantum measurement and quantum decoherence (Alejandra Valencia Gonzalez)

JWT – Nonlinear optics with cold atoms (José W. Tabosa)

TM – Quantum simulation with Rydberg atoms and dipolar systems (Tommaso Macri)

Discussions/preparation of exercises