

# *Ultra cold atoms*, Master option

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Academic year 2012–2013

The lecture and exercise classes last for 1:30 each. They will take place on Tuesday afternoon, from 14:00 to 17:30, in Paris Diderot University, room 304A. The final exam will be on Tuesday, June 11 2013.

day	First slot 14:00 – 15:30	who?	Second slot 16:00 – 17:30	who?
March 12	Light forces lecture (L)	Hélène	Doppler/Sisyphus cooling (L)	Hélène
March 19	Exercise class (EC) MOT	Jérôme	Trapping (L)	Hélène
March 26	Trapping (EC)	Jérôme	Cold collisions (L)	Hélène
April 2	Collisions (EC)	Jérôme	Evaporative cooling (L)	Hélène
April 9	Evaporative cooling (EC)	Jérôme	BEC 1 (L)	Hélène
April 16	BEC (EC)	Jérôme	BEC 2 (L)	Hélène
April 23	BEC (EC)	Jérôme	BEC 3 (hydrodynamics) (L)	Hélène
April 30	holidays			
May 7	BEC (EC)	Jérôme	Atom interferometry (L)	Hélène
May 14	Atom interferometry (EC)	Jérôme	Atom interferometry (L)	Hélène
May 21	Fermions (L)	Frédéric	Fermions (EC)	Jérôme
May 28	Fermions (L)	Frédéric	Fermions (EC)	Jérôme
June 4	exam preparation			
June 11	EXAM			