

	Saturday 15	Sunday 16	Monday 17	Tuesday 18	Wednesday 19	Thursday 20	Friday 21
8:30 - 10:00			HF	DFT	Maths	RDMs&GFs	RDMs&GFs
10:00 - 10:30			coffee	coffee	coffee	coffee	coffee
10:30 - 12:00			SQ	Maths	post-HF	GFQC	VB
12:15			lunch	lunch	lunch	lunch	lunch
13:45 - 15:15			HF	post-HF	MCSCF	MRPT	
15:30 - 18:00		arrival	<i>tutorials HF</i>	SSP <i>2h lecture</i>	<i>Tutorials SQ/MCSCF</i>	MRPT	
19:00 - 20:00		dinner	dinner	dinner	dinner	dinner	improved dinner
20:00 - 21:00			discussion	discussion	discussion	discussion	Fête de la musique

	Saturday 22	Sunday 23	Monday 24	Tuesday 25	Wednesday 26	Thursday 27	Friday 28
8:30 - 10:00	DFT		DFT	QMC	DMET	LR	BSE
10:00 - 10:30	coffee		coffee	coffee	coffee	coffee	coffee
10:30 - 12:00	MH		GW	QMC	DMFT	TDDFT	BSE
12:15	lunch	lunch	lunch	lunch	lunch	lunch	lunch
13:45 - 15:15			GW	DFAs	DMFT	TDDFT	<i>tutorials BSE</i>
15:30 - 18:00			<i>tutorials GW</i>	<i>tutorials DFT</i>	<i>Poster session</i>	<i>tutorials TDDFT</i>	
19:00 - 20:00	dinner	dinner	dinner	dinner	dinner	dinner	farewell party
20:00 - 21:00			discussion	discussion	discussion	discussion	

## Lectures and lecturers

HF [3h]: Hartree-Fock theory (V. Robert)

SQ [1h30]: Second quantization (E. Fromager)

SSP [2h]: Introduction to solid-state physics (V. Robert)

Maths [3h]: Mathematical aspects of electronic structure theory (E. Cancès)

RDMs&GFs [3h30]: Introduction to reduced density matrices and Green's functions (P. Romaniello)

post-HF [3h]: Post-Hartree-Fock methods (P.-F. Loos)

GFQC [1h30]: Green-function-based methods in Quantum Chemistry (P.-F. Loos)

MCSCF [1h30]: Multi-Configurational Self-Consistent Field (E. Fromager)

VB [1h30]: Valence Bond Theory and related topics (C. Angeli)

MRPT [3h]: Multi-reference perturbation theory (C. Angeli)

QMC [3h]: Quantum Monte Carlo (M. Caffarel)

DFT [4h30]: Density-functional theory (J. Toulouse)

GW [3h]: GW method (F. Bruneval)

DFAs [1h30]: Density functional approximations (J. Toulouse)

MH [1h30]: Model Hamiltonians (N. Guihery)

TDDFT [3h]: Time-dependent DFT (F. Sottile)

LR [1h30]: Linear response theory (J. Toulouse)

BSE [3h]: Bethe-Salpeter equation (M. Gatti)

DMFT [3h]: Dynamical mean-field theory (B. Amadon)

DMET [1h30]: Density matrix embedding theory (E. Fromager)