	Saturday 13	Sunday 14	Monday 15	Tuesday 16	Wednesday 17	Thursday 18	Friday 19
8:30 - 10:00			GFs	EBST	Maths	Maths	STOC
10:00 - 10:30			**coffee**	**coffee**	**coffee**	**coffee**	**coffee**
10:30 - 12:00			GFs	MRPT	QI	TDDFT	BSE
12:15			**lunch**	**lunch**	**lunch**	**lunch**	**lunch**
13:45 - 15:15			GW	GW	STOC	TDDFT	BSE
15:30 - 18:00		**arrival**	*Tutorial GFs*	*Tutorial GW*	DMFT	*Tutorial TDDFT*	*Tutorial BSE*
19:00 - 20:00		**dinner**	**dinner**	**dinner**	**dinner**	**dinner**	**improved dinner**
20:00 - 21:00			**discussion**	**discussion**	**discussion**	**discussion**	

	Saturday 20	Sunday 21	Monday 22	Tuesday 23	Wednesday 24	Thursday 25	Friday 26
8:30 - 10:00			DFT	HF&post-HF	DFT	DMET	**Workshop**
10:00 - 10:30			**coffee**	**coffee**	**coffee**	**coffee**	**coffee**
10:30 - 12:00			SQ	HF&post-HF	DMRG	LR	**Workshop**
12:15	**lunch**	**lunch**	**lunch**	**lunch**	**lunch**	**lunch**	**lunch**
13:45 - 15:15			HF&post-HF	MCSCF	DFAs	DMRG	**Workshop**
15:30 - 18:00			*Tutorial HF*	*Tutorial MCSCF*	*Tutorial DFT*		**Poster session**
19:00 - 20:00	**dinner**	**dinner**	**dinner**	**dinner**	**dinner**	**dinner**	**farewell party**
20:00 - 21:00		**Fête de la musique**	**discussion**	**discussion**	**discussion**	**discussion**	

Lectures and lecturers

Week 1

GFs [3h]: Green's functions theory (P. Romaniello)
GW [3h]: GW method (F. Bruneval)
EBST [1h30]: Electronic band structure theory (E. Cancès)
MRPT [2h30]: Multi-reference perturbation theory (C. Angeli)
Maths [3h]: Mathematical aspects of electronic structure theory (E. Cancès)
QI [1h30]: Quantum information in electronic structure theory (C. Angeli)
STOC [3h]: Stochastic approaches to electronic structure theory (M. Caffarel)
DMFT [2h30]: Dynamical mean-field theory (B. Amadon)
TDDFT [3h]: Time-dependent DFT (F. Sottile)
BSE [3h]: Bethe-Salpeter equation (M. Gatti)

Week 2

DFT [3h]: Density functional theory (J. Toulouse)
SQ [1h30]: Second quantization in molecular orbital bases (E. Fromager)
HF&post-HF [4h30]: Hartree-Fock and post-Hartree-Fock theories (P. F. Loos)
MCSCF [1h30]: Multi-Configurational Self-Consistent Field (E. Fromager)
DMRG [3h]: Density matrix renormalization group method (M.-S. Dupuy)
DFAs [1h30]: Density functional approximations (J. Toulouse)
DMET [1h30]: Density matrix embedding theory (E. Fromager)
LR [1h30]: Linear response theory (J. Toulouse)

Confirmed speakers and topics for the one-day Workshop

Théo Cavignac from Silvana Botti's group, Ruhr University Bochum, Germany (Theoretical Physics / Computational Design of Functional Interfaces)

Anna Kauch, Technische Universität Wien, Institut für Festkörperphysik.
"Two-particle diagrammatic calculations with dynamical vertices: numerical challenges and solutions"

Filippo Vicentini, Ecole Polytechnique, Palaiseau, France (Neural quantum states)