

Informal evening discussions -- ISTPC 2024
20:00 - 21:00

	Lectures of the day	Discussion moderator(s)	Possible topics of discussion
June 17th	HF/SQ	V. Robert and E. Fromager	Spin and superconductivity
June 18th	DFT/Maths/post-HF/SSP	Eric Cancès	Continuous spectrum in quantum chemistry and physics
June 19th	Maths/post-HF/MCSCF	P.-F. Loos	Correlation methods for excited states
June 20th	RDMs&GFs/GFQC/MRPT	P. Romaniello and C. Angeli	(1) Upfolding/downfolding-nonlocality/frequency dependence (2) Orbital optimization/relaxation and MRPT2
June 24th	DFT/GW	J. Toulouse and F. Bruneval	Many-body perturbation theory with Feynman diagrams
June 25th	QMC/DFAs	J. Toulouse and M. Caffarel	Is DFT really in principle exact? Is it really correct to include a fraction of HF in DFT?
June 26th	DMET/DMFT	B. Amadon and E. Fromager	Quantum embedding: static or dynamical?
June 27th	LR/TDDFT	F. Sottile	Functionals of what? Coherence vs freedom