

ABINIT SCHOOL 2026 – Bruyères-le-Châtel

	Monday 2 Feb.	Tuesday 3 Feb.	Wednesday 4 Feb.	Thursday 5 Feb.	Friday 6 Feb.
09:00		Plane-wave DFT	Plane-wave DFT and parallelism	Molecular dynamics and geometry optimization	Advanced features 2 Optional labs: Response, Excited states, Correlations
09:30					
10:00					
10:30		Break	Break	Break	Break
11:00		Basic usage of ABINIT 2	ABINIT and parallelism	Molecular dynamics and geometry optimization	Advanced features 2 Optional labs: Response, Excited states, Correlations
11:30					
12:00					
12:30	Arrival and Lunch	Lunch	Lunch	Lunch	Lunch and departure
14:00	Introduction to the school & the ABINIT project	Basic usage of ABINIT 3	Post-processing and analysis	Tuning ABINIT for HPC	
14:30				Tuning ABINIT for HPC	
15:00	Compiling ABINIT	Magnetism	Excursion Visit of the castle of Dourdan	Break	
15:30	Break			Break	
16:00	Compiling ABINIT	Break		Advanced features 1 Optional labs: Response, Excited states, Correlations	
16:30		Magnetism			
17:00	Basic usage of ABINIT 1			Drinks at the hotel	
17:30	Poster session	Advanced features 1			
18:00					
18:30					
19:00	Dinner (hotel)	Dinner (hotel)	Social Dinner (Dourdan)	Dinner (hotel)	

	Lectures
	Hands-on
	Breaks
	Others (social activities)