ABINIT SCHOOL 2024 – Bruyères-le-Châtel

	Monday 29 Jan.	Tuesday 30 Jan.	Wednesday 31 Jan.	Thursday 1 Feb.	Friday 2 Feb.
09:00 – 10:00		Plane-wave DFT on HPC Bottlenecks and algorithms	Introduction to the GW method	Coupled cluster for solids and ABINIT	Workflows in ABINIT
10:30		*Break*	*Break*	*Break*	*Break*
11:00 – 12:00		Using ABINIT on GPUs	Real-space GW in ABINIT	Dynamical Mean Field Theory (DMFT)	Workflows in ABINIT
12:30 – 13:00	*Arrival and Lunch*	*Lunch*	*Lunch*	*Lunch*	*Lunch*
14:00	Introduction to the school	ABINIT on HPC Basic usage and algorithms	GW	Demo ABINIT + CC4S & GW	*Departure*
14:30 – 15:00	The ABINIT project				
15:30	*Break*	*Break*	*Excursion Visit of the castle of Dourdan*	*Break*	
16:00	Compiling ABINIT on HPC	ABINIT on HPC Advanced usage (GPUs)		DMFT	
16:30 – 17:00	Compiling ABINIT on HPC				
17:30 – 18:00	*Poster session*		*Drinks at the hotel*		
19:00	*Dinner (hotel)*	*Dinner (hotel)*	*Social Dinner (Dourdan)*	*Dinner (hotel)*	

Legend:
- Lectures
- Hands-on
- Breaks
- Others (social activities)