

Time Table for the Summer School on Paradoxes in Quantum Physics (John Bell Institute 2019)

	Sunday 9/1	Monday 9/2	Tuesday 9/3	Wednesday 9/4	Thursday 9/5	Friday 9/6
8:00-9:30		breakfast	breakfast	breakfast	breakfast	breakfast
9:30-10:50		Lecture 1 (Tumulka)	Lecture 5 (Tumulka)	Lecture 9 (Bricmont)	Lecture 11 (Bricmont)	open discussion (chair Vaidman)
10:50-11:10		coffee break	coffee break	coffee break	coffee break	coffee break
11:10-12:30		Lecture 2 (Lienert)	Lecture 6 (Bricmont)	Lecture 10 (Vaidman)	Lecture 12 (Vaidman)	open discussion (chair Tumulka)
12:30-13:30		lunch	lunch	lunch	lunch	lunch
13:30-14:50		free time	exercise session	free time	exercise session	
14:50-15:00		free time	break	free time	break	
15:00-16:20		Lecture 3 (Bricmont)	Lecture 7 (Vaidman)	free time	Lecture 13 (Lienert)	
16:20-16:40		coffee break	coffee break	free time	coffee break	
16:40-18:00		Lecture 4 (Vaidman)	Lecture 8 (Lienert)	free time	Lecture 14 (Tumulka)	
18:00-20:00	informal reception (meet and greet)	free time	free time	free time	free time	
20:00-22:00	informal reception (meet and greet)	dinner	dinner	dinner	dinner	

Lecture 1 (Tumulka): Introduction	Lecture 8 (Lienert): Spin and the Stern-Gerlach experiment
Lecture 2 (Lienert): The quantum measurement problem	Lecture 9 (Bricmont): EPR and nonlocality
Lecture 3 (Bricmont): Bohmian mechanics	Lecture 10 (Vaidman): The past of a quantum particle
Lecture 4 (Vaidman): Many worlds	Lecture 11 (Bricmont): No-hidden-variables theorems
Lecture 5 (Tumulka): Collapse theories	Lecture 12 (Vaidman): The Aharonov-Bohm effect
Lecture 6 (Bricmont): The two-way experiment	Lecture 13 (Lienert): QM and relativity
Lecture 7 (Vaidman): The two state-vector formalism	Lecture 14 (Tumulka): Quantum Zeno's paradox

This plan is preliminary and may be subject to change. Breakfast and a light lunch (sandwiches) are offered at the location of the Institute (included in the participation fee), dinners are separate. Lectures include 60 minutes presentation and 20 minutes questions and answers (as a guideline).