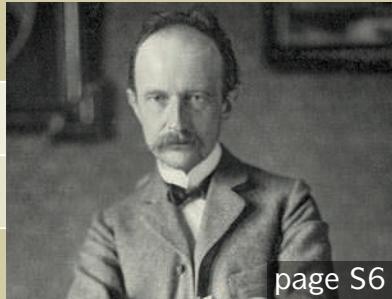


## MILESTONES TIMELINE

1600s–1800s	Debate on the character of light (Milestone 1)		
1861	Maxwell's equations (Milestone 2)		
1900	Planck's theory of black-body radiation (Milestone 3)	→	 page S6
1905	Special relativity (Milestone 4)		
1923	Compton effect (Milestone 5)		
1947	Quantum electrodynamics (Milestone 6)	→	 page S8
1948	Holograms (Milestone 7)		
1954	Solar cells (Milestone 8)		
1960	The laser (Milestone 9)	→	 page S10
1961	Nonlinear optics (Milestone 10)		
1963	Quantum optics (Milestone 11)		
1964	Bell inequality (Milestone 12)		
1966	Optical fibres (Milestone 13)		
1970	CCD cameras (Milestone 14)	→	 page S14
	Semiconductor lasers (Milestone 15)		
1981	High-resolution laser spectroscopy and frequency metrology (Milestone 16)		 page S16
1982–1985	Quantum information (Milestone 17)		
1987	Photonic crystals (Milestone 18)		
1993	Blue light-emitting diodes (Milestone 19)	→	 page S17
1998	Plasmonics (Milestone 20)		
2000	Metamaterials (Milestone 21)	→	 page S18
2001	Attosecond science (Milestone 22)		
2006	Cavity optomechanics (Milestone 23)		