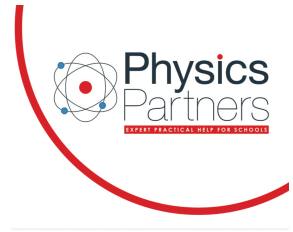


Online Physics Professional Development Festival  
Saturday, 11 July, 9am -1pm.



Time		Bryan Berry													
0900 to 0915		Welcome and introductions													
0915 to 0930	Break														
		Robert Birke	Matt Rogers	Jeremy Thomas	Joe Rowing	Jo Kent	Rebecca Peacock	Andrew French	Theresa Conlon	Trevor Plant	Christina Astin	Jamie Barron	Joe Cole	Jeremy Douglas	
0930 to 1030	Session 1	The Electricity Trolley (predominantly technicians)			Remote Teaching Physics (KS3 to Post 16)	SUVAT at home: The equations of Motion(KS4/5 (predominantly KS4)	Engaging students to take physics further (KS3/4)	How to play AC/DC through a loudspeaker made from cardboard, thread and sticky-tape (KS3/4)			Electricity challenges (KS3/4)	Linking force and motion, including freebody diagrams & terminal velocity (KS3 to 4)	Misconceptions in mechanics and more (KS4)	The particle model and pressure in gases-(KS4 to basic Post 16)	A-B-G of radioactivity (KS4)
1030 to 1045	Break														
1045 to 1145	Session 2			Climate Friendly Physics (KS4)			Engaging students to take physics further (KS3/4)	Incorporating some basic programming ideas into Physics lessons (KS4) Andrew French	Key ideas in Physics (KS4)	Electricity challenges (KS3/4)	Linking force and motion, including freebody diagrams & terminal velocity (KS3 to 4)	Misconceptions in mechanics and more (KS4)	The particle model and pressure in gases-(KS4 to basic Post 16)	A-B-G of radioactivity (KS4)	
1145 to 1200	Break														
1200 to 1300	Session 3	Specific Heat Capacity (predominantly technicians)	Wave front and Ray Diagrams (KS4)				Engaging students to take physics further (KS3/4)	How to play AC/DC through a loudspeaker made from cardboard, thread and sticky-tape (KS3/4)	Key ideas in Physics (KS4)	Electricity challenges (KS3/4)		Misconceptions in mechanics and more (KS4)	The particle model and pressure in gases-(KS4 to basic Post 16)	A-B-G of radioactivity (KS4)	

Repeat sessions  
 Single sessions

Contact [events@physicspartners.com](mailto:events@physicspartners.com) if you have any queries