

→ Workshops and lectures at ASE January 2011

Our teams of Physics Network Co-ordinators and Teaching and Learning Coaches are drawing on their wealth of experience in both teaching and supporting other teachers to provide an inspiring range of physics workshops at the Association for Science Education Annual Conference in Reading this January. For more details on ASE and to book conference places visit www.ase.org.uk.

Thursday 6 January

0930 - 1030	The Electric Magnetic Demonstration BC02
0930 - 1100	Toys and Physics BC03
0930 - 1130	Sparking Interest in Electricity BC05
1100 - 1300	Rocket Launchers Make-and-Take BC08
1130 - 1230	New Ideas? BC10
	Radio Astronomy BC11
	Earth in Space
1400 - 1500	Engaging with Girls: Making Your Physics Lessons More 'Girl Friendly' BC14
	Lights, Camera, Images: Ideas for Teaching Light, Colour and Spectra BC15
	Teaching Forces by Pulling Them Apart BC16
	Real Graphs from Real Data
1600 - 1700	Lights, Camera, Images: Ideas for Teaching Light, Colour & Spectra (repeat) BC25
	Magnetism with T.L.C. BC26
	Physics and Enterprise: Ashfield Music Festival Workshop BC27
	Son of New Ideas? BC28

→ All our sessions are listed as IOP in the ASE programme. If there is a **BC** code it means the workshop is a booked course so all are welcome to attend but you need to book your free place in advance via the ASE website or on the day in Reading.

Friday 7 January



0930 - 1030	A Practical Approach to Teaching Medical Physics BC30
	Teaching Physics Using YouTube and Hollywood BC31
	The Datamouse Project BC32
0930 - 1130	Dragsters Make-and-Take BC34
1130 - 1230	The John Lewis Lecture: Sustainable Energy - Without the Hot Air, Prof. David MacKay
	Teaching Energy at KS3
1100 - 1300	Modulated Laser Pen Workshop BC35
	Shocked and Stunned BC36
1400 - 1600	Modulated Laser Pen Workshop (repeat) BC44
	Large Scale Science Shows in your School Hall
	The Best of Physics Education (lecture)
1500 - 1600	The Best of Physics Education Plus!
1600 - 1700	Electricity - A Simple Circuit Model

Saturday 8 January



0930 - 1030	Encouraging Group Work in Physics Lessons BC50
	Physics Investigations High and Low Tech BC51
	Teaching Astronomy (talk)
	The SUN: Ideas about Daytime Astronomy and Solar Power BC52
	What Happens Next? BC53
1100 - 1300	Sparking Interest in Electricity (repeat) BC59
1130 - 1230	Encouraging Group Work in Physics Lessons (repeat) BC62
	Physics Investigations High and Low Tech (repeat) BC63
	What Happens Next? (repeat) BC64
1400 - 1500	Encouraging Group Work in Physics Lessons (repeat) BC65
	Physics Investigations High and Low Tech (repeat) BC66
	Teaching Forces with Force Spectacles! BC67
	What Happens Next? (repeat) BC68
1530 - 1630	Encouraging Group Work in Physics Lessons (repeat) BC71
	Physics Investigations High and Low Tech (repeat) BC72
	What Happens Next? (repeat) BC73

Do drop-in to the talkphysics area in the AMS Building for tea, biscuits and a chat with our team.