

# Hidden variables

How well do you know your quantum physics? Find out with this fun, cryptic word search, created by **Ian Randall**. All answers are hidden in the grid vertically, horizontally or diagonally, with no letters skipped

T	H	G	F	Y	T	I	L	E	D	I	F	I	S
S	U	P	R	E	M	A	C	Y	T	Y	E	A	R
I	Q	S	T	E	R	H	T	U	E	E	C	E	N
E	T	U	E	N	B	M	N	S	A	R	Y	O	F
T	H	A	I	T	H	N	I	B	O	H	R	E	F
A	E	M	I	D	E	O	E	O	R	Y	S	S	E
T	R	P	T	L	N	P	T	S	N	P	R	R	N
S	M	L	L	E	D	A	S	O	I	Q	I	C	E
N	A	I	K	C	C	T	N	N	K	E	T	I	R
E	N	T	O	C	A	R	I	D	O	N	H	O	G
G	N	U	F	T	N	B	E	B	O	M	S	E	Y
I	E	D	E	I	N	A	S	T	U	E	M	I	N
E	C	E	S	P	A	L	L	O	C	Q	O	I	N
D	E	N	S	A	T	E	S	P	A	T	O	M	S

## Clues

Wave range? A plum tide at sea (9)  
 Sequence of hobo sonata carries force (5)  
 Yell out “circle” immediately? Overpowered freezer (8)  
 Nineties served up “greatest physicist” candidate (8)  
 Devotion to closeness (8)  
 Hubbub after unwanted disturbances (5)  
 Line, we heard, for bishop with computers? A quantum of quantum (5)  
 Inky creature is sensitive about fields (5)  
 Ill gent, nun in a bad way? It’s barrier breaking (10)  
 Single cat is smallest matter (4)  
 Odd chart reveals quantum victim, potentially (3)  
 Policeman finds right account for

electron equation chap (5)  
 Power to get-up-and-go (6)  
 Physicist namesake for fictional meth lord? Cooking begins here (10)  
 Nobel winner recited isometric exercise (6)  
 Australian quantum physicist brings short model to space mountain (7)  
 Situation report, clearly (5)  
 Danish physicist sounds like a pig (4)  
 Run out after firm hand? Result of quantum measurement (8)  
 Gee, it’s neat! Uncertain, when some things are predictable (10)  
 Iron soldier charged? Obeys exclusion principle (7)  
 Mr Munster gets a bearing on often overlooked German quantum pioneer (7)

Take his head! Queen killed dispatcher for sending secret messages (3)  
 Rushes backwards in pirouette (4)  
 Creamy pus? Doctor to have the upper hand (9)

As an added bonus, all of the unused letters – when read top left to bottom right – reveal a hidden message.

The answers will be published on 1 May on the *Physics World* website. Please note that this word search is just for fun; there are no prizes.

**Ian Randall** is a science writer based in Cambridge, UK