

April 2009 Chemistry Wordoku

		B	S	T		I	H	
	O			I	H		Y	T
								K
					S			
H	I		T	O		K	S	
			I					
O								
I	K		Y	O			S	
	A	T		H	I	Y		

A
B
H
I
K
O
S
T
Y

Solve this 'wordoku' in the same way as a sudoku with letters instead of numbers (the nine letters once in each row, column and nine-square cell). Once solved, one of the overall diagonals contains the jumbled surname of a Japanese chemist probably best known for his work on Lewis acid catalysis in organic synthesis.

I	H	E	W	A	R	C	D	S
W	C	R	H	S	D	E	A	I
A	S	D	C	I	E	R	H	W
D	A	I	E	W	S	H	R	C
E	W	C	R	H	A	S	I	D
H	R	S	D	C	I	A	W	E
R	I	W	S	E	H	D	C	A
S	D	A	I	R	C	W	E	H
C	E	H	A	D	W	I	S	R

Solution to March 2009 Chemistry Wordoku

The chemist's name hidden in the diagonal is the supramolecular chemist (François) Diederich, born in the Grand Duchy of Luxembourg, now working at ETH Zurich, Switzerland. The winner of the March 2009 *Chemistry World* Wordoku competition is V Phillips, Greenhithe, Kent, UK.

The winner of this month's chemistry Wordoku will be published next month. For a chance to win a £25 book voucher, please send your completed Wordoku to the address on p2 or fax to +44 (0)1223 426017 by 15 April 2009.

Who, where or when?



Answer: Catherine Doyle receiving the 1993 CIA Young person of the year award from Michael Fish of the BBC Weather Centre. The trophy represents the alchemist's theoretical principles of the five elements – air, water, earth, fire and space – and is worked in cherry mahogany, vancouverite, Perspex, tulip wood and old oak. The corresponding 2008 award – now called the CIA young award – went to Aimee McClaghlin, a mechanical engineer from INEOS Manufacturing at Grangemouth, UK.

April 2009 Crossword

1	2	3	4	5	6	7	8
9					10		
11		12			13		
14				15			
							16
	17			18			
19							
20						21	
22					23		24
25					26		

Across

- 1 Mass of immoral keg? (10)
- 7 Old oxide discovered in analytical XRF (4)
- 9 Pedlars took fluorine for a mineral (8)
- 10 Renegade loses commercial to back out (6)
- 11 Fawly actor swaps leading lady for front of horse and smiles for the camera (6)
- 13 Ram tongs into very small unit? (8)
- 14 Applause both and eat your words? (8,4)
- 17 Venus rotates, resulting in a delicate condition (7,5)
- 20 Discouraging condition down to poor circulation? (4,4)
- 21 Old royalty found in Stroud? (6)
- 22 Sakharov hidden amongst the Lapland reindeer (8)
- 23 Butter blended with essential element found in lab glassware (8)
- 25 Feel some things slithery inside (4)
- 26 Metamorphic mineral found in Hyde Park? (10)

Down

- 2 Chef lies about Ross or Shackleton (for example) (3,5)
- 3 One-legged doorman upfront with his age (3)
- 4 Transform purée into Mumbai money (5)
- 5 Fix damn rot (7)
- 6 Very bad when I lose Sue in gorge (9)
- 7 Doc treats patients who can't go (11)
- 8 Lag takes on oxygen in lake (6)
- 12 Starfish found in minced horse (11)
- 15 Use compounded beryllium, lithium and zirconium for Swedish chemist (9)
- 16 Lister takes time for something fishy (8)
- 18 Reboot top computer this month (7)
- 19 Top Persian cat likely to do this? (6)
- 21 Irish following top trumps quite concise (5)
- 24 Explosive leading to new things (3)

E	U	R	O	V	I	S	I	O	N	W	A	T	T
N	E	I	Y	F	G	Z	E						
S	I	L	I	C	O	N	F	E	R	R	O	U	S
U	A	I	C	I	E	T	T						
E	U	T	R	O	P	H	I	C	E	J	E	C	T
	E	U	E	E	P	U							
S	O	D	A	S	D	I	R	T	Y	B	O	M	B
U	T	G	C	G	C	E	E						
B	I	O	D	I	E	S	E	L	R	E	S	T	S
S			R	T	A	A	T						
T	O	P	I	C	R	E	D	D	W	A	R	F	S
R	U	L	A	E	L	O	O						
A	M	B	I	E	N	T	T	R	I	G	G	E	R
T	J	I	S	U	T	E	E	T					
E	T	C	H	A	M	P	E	R	S	A	N	D	S

Solution to March 2009 crossword

The winner of the March 2009 *Chemistry World* crossword competition is F A Clamp, Skelton, York, UK.

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