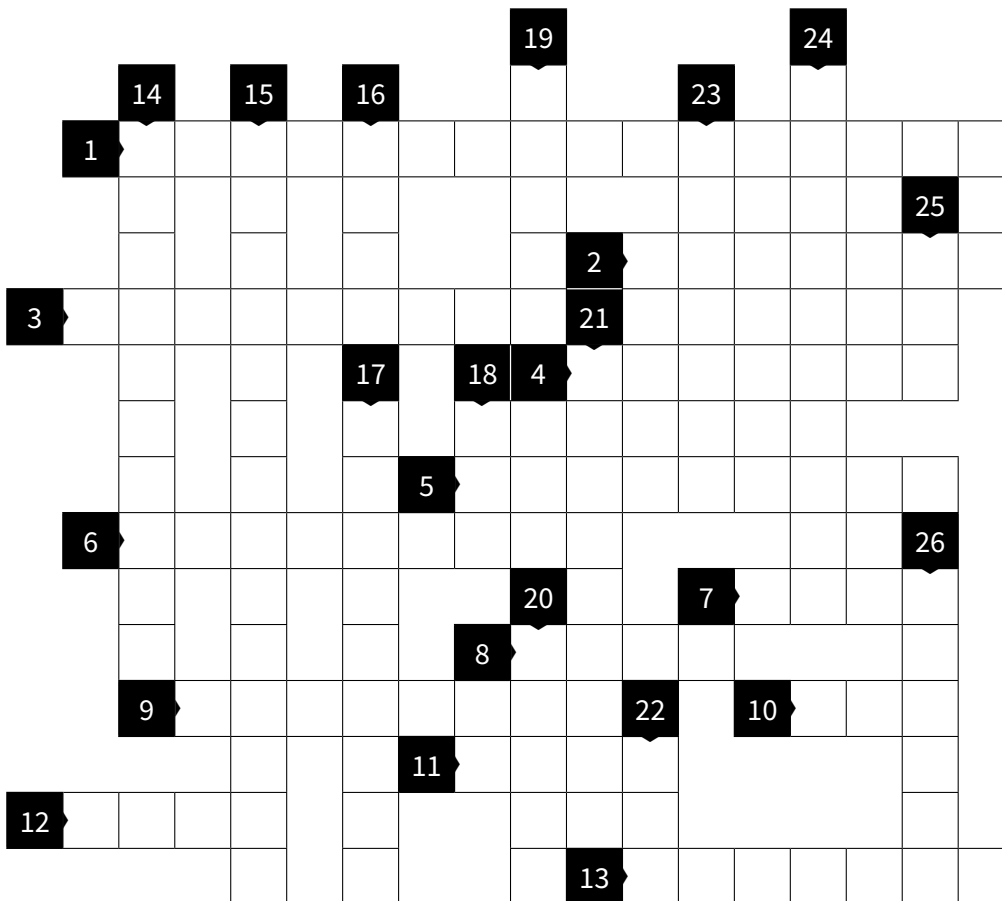


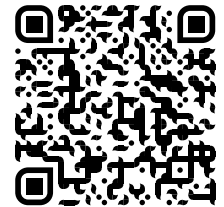
CROSSWORDS

ON PHOTONICS INTEGRATED CIRCUITS

By Philippe ADAM



SOLUTION ON
PHOTONIQUES.COM



- 1 Transfers an optical pattern onto a photoresist
- 2 Giant industrial optical fiber network
- 3 Miniaturized and integrated laboratory
- 4 LIDAR-on-a-chip helps for autonomous operation in automotive
- 5 Basic element to guide light on a PIC
- 6 Dry or wet sculpture process
- 7 Application Specific Integrated Circuit
- 8 Inventor of the phone. Famous laboratories bear his name
- 9 Micro-Opto-Electro-Mechanical-Systems
- 10 Multiplexing techniques in the wavelength domain
- 11 A substrate for integrated quantum optics
- 12 Wifi with light
- 13 A Lithium companion for the next gen of PICs
- 14 Components which make a waveguide either TM or TE transmitter
- 15 Describes an optical and electronic mix on a microchip
- 16 Useful components for optical interconnects
- 17 Critical process to improve the optical power injected into a PIC
- 18 Arrayed Waveguide Grating
- 19 Geometry of a raised waveguide with cladding on 3 sides
- 20 Australian physicist, the B in DBR stands for his name
- 21 A single chip with diverse fonctionnalités
- 22 Material with low losses: its use in PIC is not... a sin !
- 23 Periodic optical component ; integrated in AWG can MUX/DEMUX different wavelengths
- 24 Those for data storage are among PICs highly demanding requirements
- 25 Optical Parametric Generation
- 26 COMmunication INTelligence