

**HUMANS (wheel, metal, plastic), BABYLONIANS/BOSCH/  
SCHEELE (soap, ammonia, bleach), EUCLIDE (geometry),  
GALILEO, NEWTON, LEIBNIZ/FERMAT (calculus, max/  
min), CAUCHY/LAGRANGE (derivative, differential  
equations), A. VOLTA (battery), T.H. EDISON (bulb), G.  
OHM (elementary circuit law), M.FARADAY (electric  
motor), MAXWELL (electromagnetic field & radiowaves),  
G. MARCONI (radio), WATT (steam engine), WRIGHT  
BROTHERS (aeroplane), J.A. FLEMING (diod), LOSEV (led),  
W. SHOCKLEY (transistor), USSR (sputnik satellite),  
GAUSS (fund. algebra theorem, complex numbers, least  
square method) RIEMANN (non-euclidean geometry),  
CANTOR (sets), BOOLE (logic operators), BOHR (atomic  
model), HEISENBERG (indetermination principle),  
EINSTEIN, E. LORENZ (chaos-butterfly effect), POPPER  
(falsifiability principle)**

**ALAN TURING (algotithm machine), GÖDEL  
(incompleteness), N. CHOMSKY (language as a  
derivation tree), L. KLEINROCK (internet), VON  
NEUMANN (computer), T. CODD (databases, sql),  
CHARLES BACHMAN (DBMS), E. DJIKSTRA (net browsing  
algorithm, testing thesis), ROBERT SEDGEWICK  
(algorithms book), B. GATES (ms-dos, windows), L.  
TORVALDS (linux, git), TIM BERNERS LEE (internet: www,  
http, html, css), B. STROUSTRUP (c++), PHIL KATZ (zip), K.  
BRANDENBURG (mp3), B. EICH (javascript), J. GOSLING  
(java), R.C. MARTIN (SOLID principles), MARTIN FOWLER  
(refactoring), GANG OF FOUR (design patterns), S. JOBS  
(smartphone), G. VAN ROSSUM (python), R. FIELDING  
(rest), H.GANNT/H.FAYOL (project mgmt), J.  
SUTHERLAND (scrum), F. ROSENBLATT (artificial  
perceptron-neural network), CONWAY/WOLFRAM (game  
of life, cellular automata), J. HOLLAND (genetic  
algorithms), G. HINTON (deep learning)**