

Audiência Pública Virtual para debater o tema
“Bio e Nanotecnologia”.

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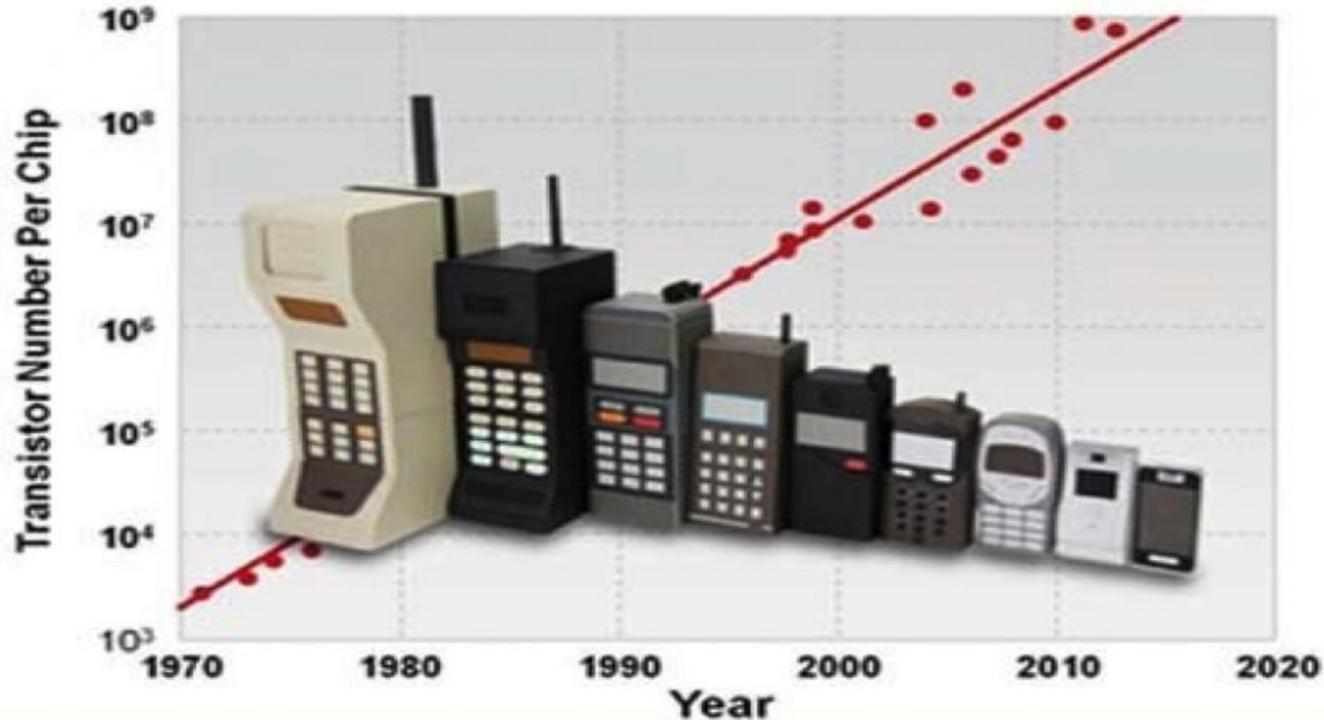
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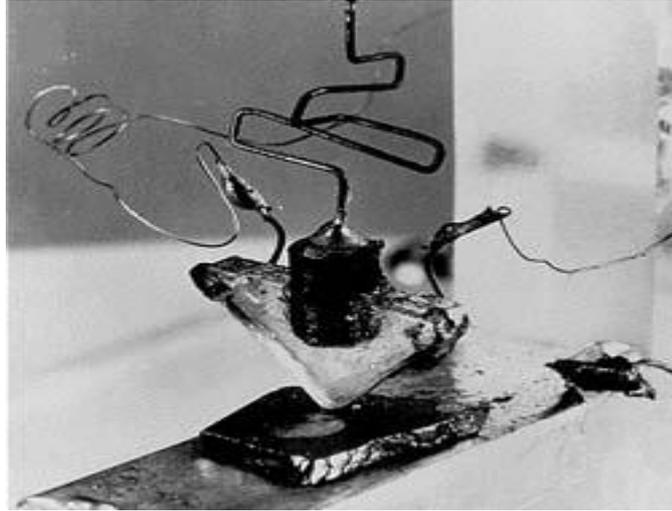
Lattes: <http://lattes.cnpq.br/1410215769571368>

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- INTELIGÊNCIA ARTIFICIAL
 - COMPUTAÇÃO QUÂNTICA
 - COMUNICAÇÃO QUÂNTICA
 - INTERNET DAS COISAS
 - BIÓPISIA LÍQUIDA

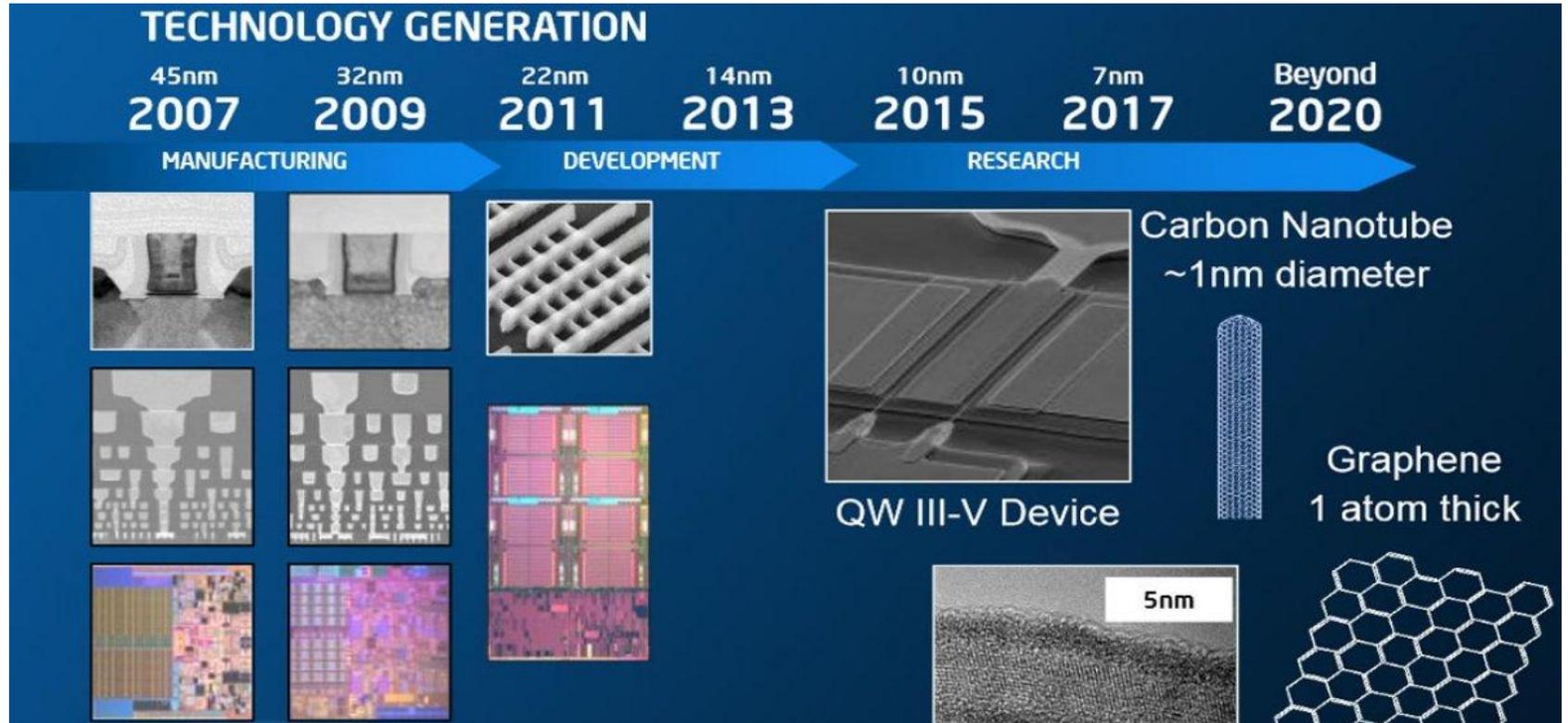
Mobile Phone Evolution Reflects Moore's Law



A re-invenção da eletrônica– O Transistor

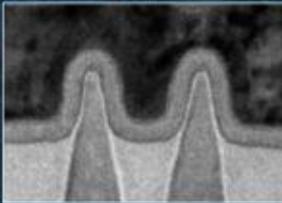


1º Transistor (1947) - Foto
Schockley, Brattain e Bardeen



3RD GENERATION FINFETS

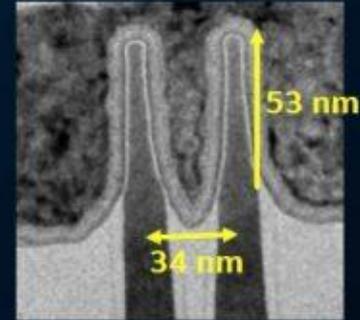
22 NM



14 NM

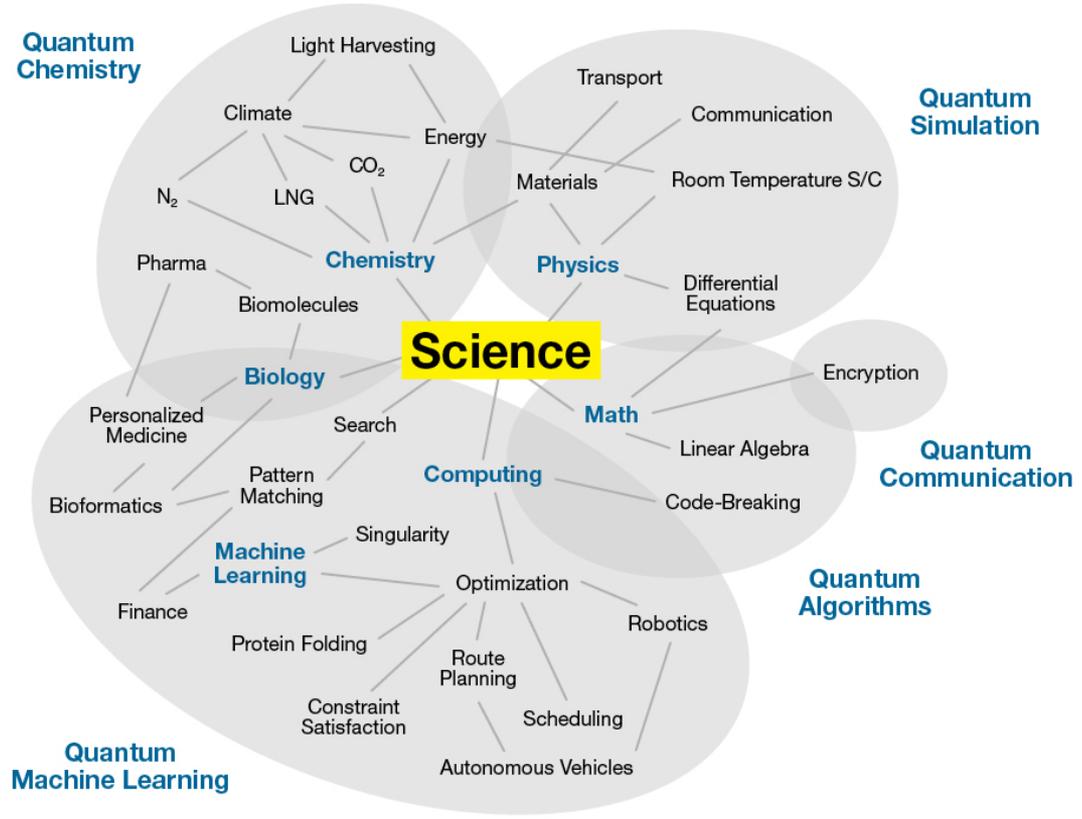


10 NM



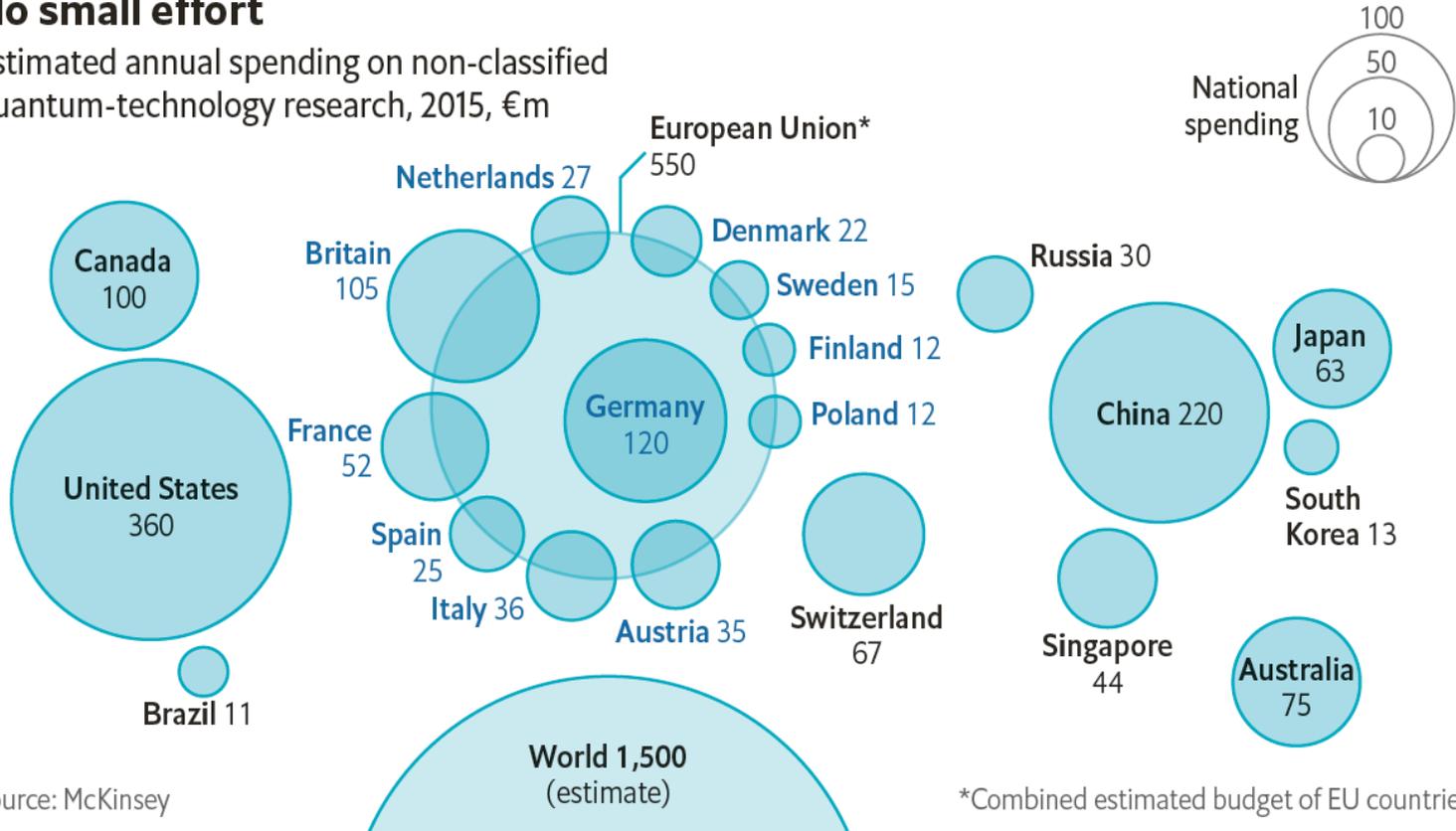
Intel's 10 nm technology features a Fin Pitch of 34 nm, Fin Height of 53 nm





No small effort

Estimated annual spending on non-classified quantum-technology research, 2015, €m



Source: McKinsey