



# Contribution to round table

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Enrico Fermi school of physics

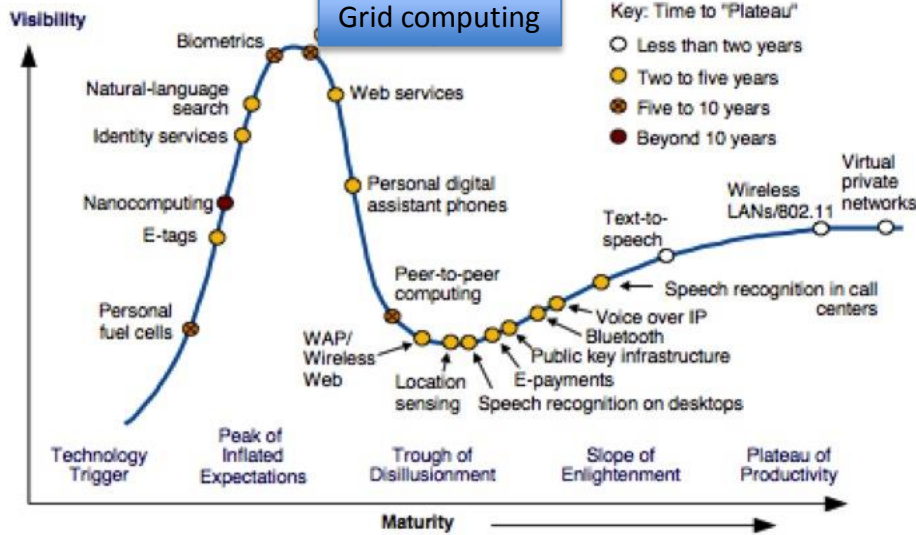




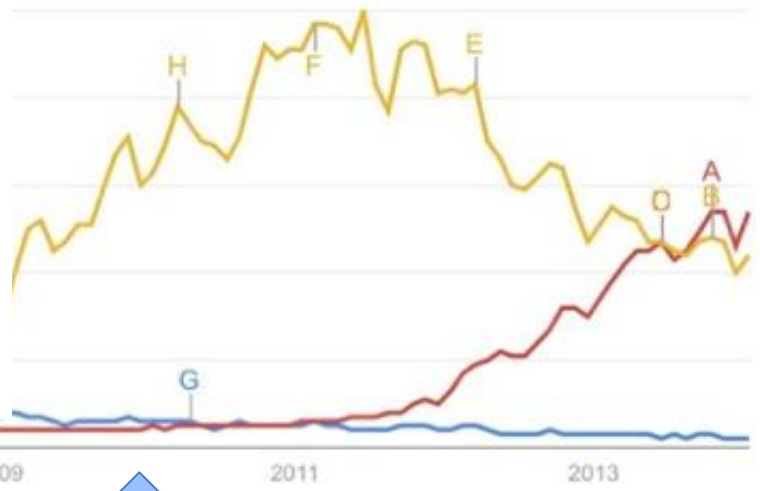
# It takes many years from hype to production quality



Gartner Emerging Technologies Hype Cycle 2002



A long way to cloud maturity



Grid peak of expectations back in 2002

Grid maturity





# Key messages



- Grid computing has allowed building a truly multidisciplinary distributed IT infrastructure
  - Greatest achievement: human networks
- Cloud computing allows extending the grid functionalities
  - Life sciences will benefit even more
  - Still a long way to the plateau of maturity
  - Scientific gateways and pilot agent platforms allow a smooth transition from grids to clouds

