

**Q1: What is quantum spin microscopy
and what is it good for?**

**A1: A tool for seeing atoms in order
to explore, innovate, and heal**

1959: Richard Feynman
*There's Plenty of Room
at the Bottom*

I put this out as a challenge: Is there no way to make the electron microscope more powerful? ... Make the microscope one hundred times more powerful, and many problems of biology would be made very much easier.



1946: John von Neumann to Norbert Weiner
Electron microscopy
Crystallography

There is no telling what really advanced electron microscopic techniques will do. In fact, I suspect that the main possibilities lie in that direction.



1946: Linus Pauling
System biology
proposal to
Rockefeller
Foundation

It is appalling to consider how meager is our information about the composition and structure of proteins ... Extremely important advances could be achieved if the effective resolving power of the electron microscope could be considerably improved.

