Two Significant Discoveries 1st December 2000

- Superconductivity in Carbon-60 at $54^o K$ achieved. Highest temperature attained for a non-copper-oxide material. Prediction that temperature of $100^o K$ attainable
- European Southern Observatory completes its weak gravitational lensing survey of 76,000 galaxies and concludes that the mass density for matter + dark matter is less than that required to close the universe

The Young Achievers of the Past

- Einstein relativity, photo-electric effect etc at age 26
- Bohr quantizes the H-atom at age 28
- Dirac introduces field theory at 24, relativistic wave equation at 26
- Fermi introduces Fermi statistics at 25
- Pauli Exclusion Principle at 22
- Heisenberg Quantum mechanics paper at 24
- Bose introduces Bose statistics at 30
- Goudsmit (23) ,Uhlenbeck (25) introduce spin

The New Young Achievers

- Ruth Lawrence, at 15 writes the Appendix to a graduate text book on Elliptic Curves