

1950

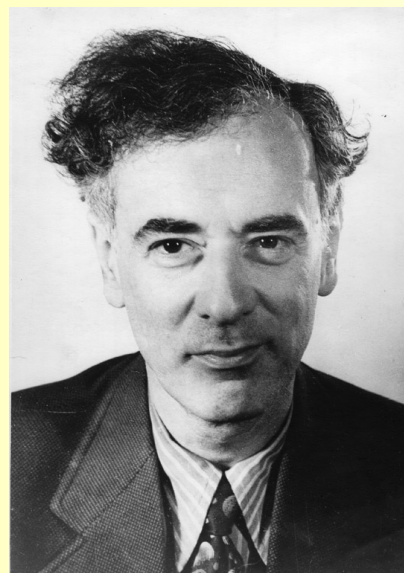
1950's and 60's: Too Many "Fundamental" Particles

1974

1956: Parity Violation



**1960's: Quantum Field Theory
is Not Fundamental?**



**Nuclear and weak forces
are very strange!
Even quantum mechanics
doesn't know what to
do with them...**