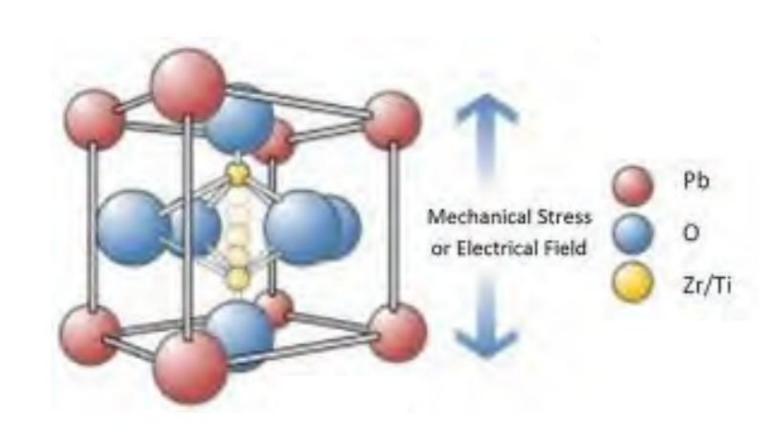
## **Ferroelectrics**

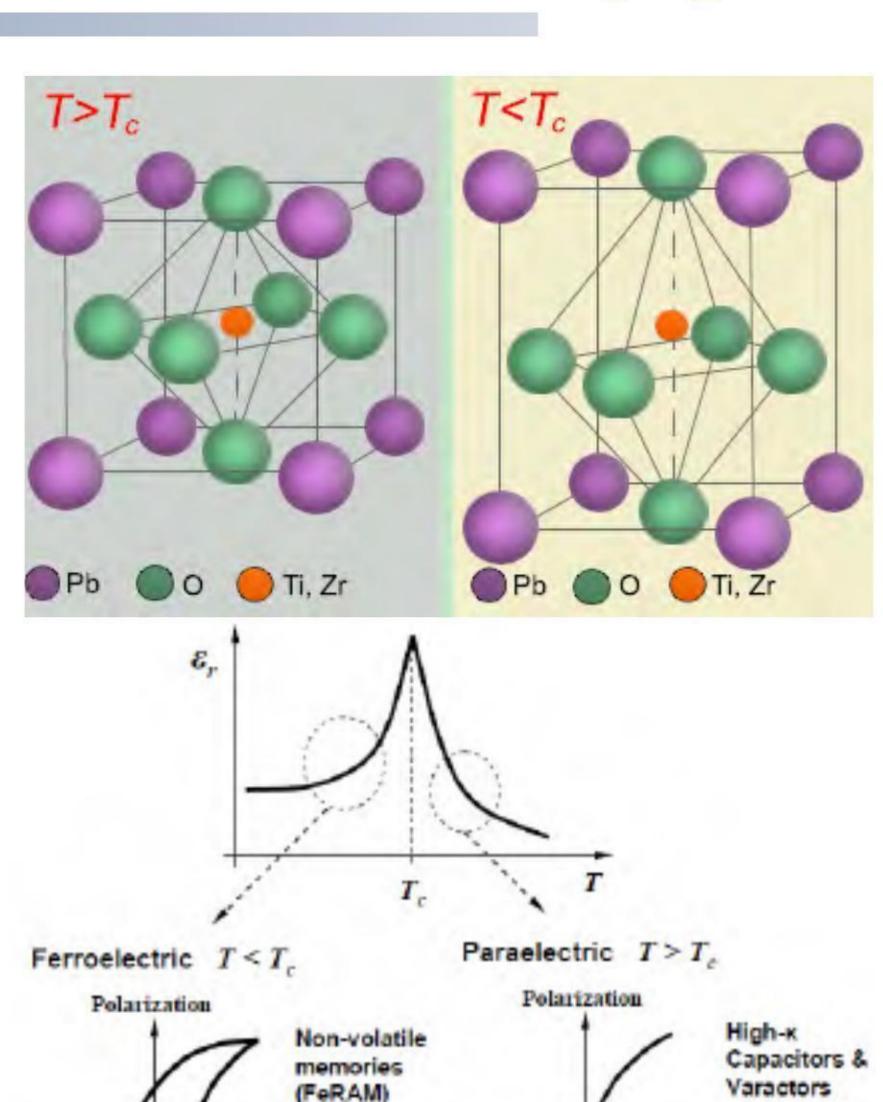


Electric Field





- PZT
- $Pb(Zr_xTi_{1-x})O_3$
- 1952 Shirane, Suzuki : Pb(Zr,Ti)O<sub>3</sub> solid solutions
- 1955 Jaffe, Cook, Berlincourt, Gerson:
  Complete Study of PZT formulations
- Curie temperature 170-360



Electric Field