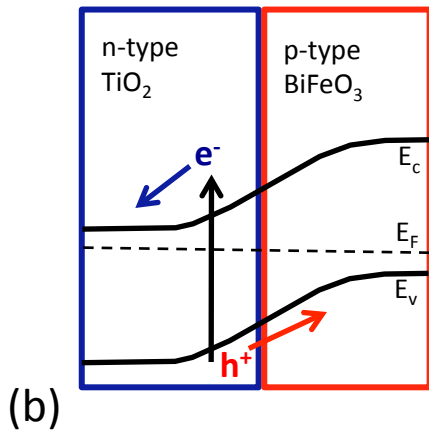
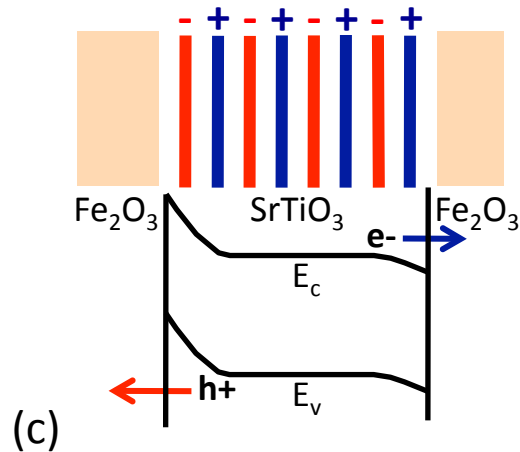


**Ferroelectric core**



**p-n junction**



**polar interfaces**